

Final Product Information:	
<i>Product Form</i>	Gummies Watermelon 100mg THC 50mg CBG
<i>Strain</i>	Grower's Blend Hybrid
<i>Batch Number</i>	LCD10125D-WTR100-3
<i>Manufacture Date</i>	06/06/2026
<i>Expiration Date</i>	06/06/2027
Starting Concentrate Information:	
<i>Type</i>	Distillate
<i>Batch Number</i>	LCD-10125D
<i>Harvest Date</i>	05/26/2025
<i>Manufacture Date</i>	10/01/2025
<i>Type of Extraction</i>	Alcohol
<i>Manufactured By</i>	The Distillery (Life Changers Investments LLC) 0000156ESTDP70697204
Distribution Chain:	
<i>Manufactured By</i>	Life Changers Investments LLC 0000156ESTDP70697204
<i>Cultivated By</i>	Desert Boyz LLC 0000153ESTXW47689762
<i>Packaged By</i>	Life Changers Investments LLC 0000156ESTDP70697204
<i>Distributed By</i>	Life Changers Investments LLC 0000156ESTDP70697204
<i>Marijuana Establishment Name</i>	Licensed Arizona Dispensary See Full List of Distrubution Chain on Next Page

Mom & Pop Distribution Chain

Manufactured By	Life Changers Investments LLC 0000156ESTDP70697204			Updated: 07/2026	
Packaged By	Life Changers Investments LLC 0000156ESTDP70697204				
Distributed By	Life Changers Investments LLC 0000156ESTDP70697204				
Marijuana Establishment Name	See all Establishments Below				
Customer	License	Address	City	Zip Code	
Patient Alternative Relief Center DBA Local Joint by ZenLeaf	00000086ESQZ01367420	4201 East University Dr	Phoenix	85034	
Fort Consulting, Llc DBA MUV by ZenLeaf	00000064ESAK09838873	12401 N. Cave Creek Rd.	Phoenix	85022	
Perpetual Healthcare Inc. DBA Zenleaf Dunlap	00000105ESDR54985961	4244 W Dunlap Ave.	Phoenix	85051	
The Medicine Room Llc DBA ZenLeaf Mesa	00000084ESFH12297246	550 w. McKellips Road	Mesa	85201	
Territory Gilbert	000000112DCLK00614860	5409 S Power Rd	Mesa	85212	
Territory Dispensary	000000126DCSO00060479	7200 w chandler ave	Chandler	85202	
AZCS	00000090DCYT00194857	8376 N El Mirage Rd #2	El Mirage	85335	
203 Organix, LCC DBA SWC Prescott	00000074DCGW00540313	123 E Merritt Ave	Prescott	86301	
The LunchBox Dispensary MK Associates LLC	00000143ESKB17654619	3270 AZ-82	Sonoita	85637	
Kind Meds Inc.	00000078DCBK00628996	2152 S Vineyard Suite 120	mesa	85012	
Wickenburg Alternative Medicine	00000061DCMK00381513	12550 W THUNDERBIRD RD	El Mirage	85335	
Green Hills Patient Center	00000051DCYH00987523	3191 S White Mountain Rd	Show Low	85901	
Medmar Tanque Verde LLC.: Desert Bloom Releaf Center	00000039ESEZ33667642	8060 E. 22nd St., 108	Tucson	85710	
ReLeaf 85624	00000144ESQK21738687	436 Naugle Ave.	Patagonia	85712	
Arizona Natural Pain Solutions Inc DBA Natures Medicines Happy Valley	00000096ESWI60030184	24905 N 7th Ave	Phoenix	85024	
White Mountain Health Center	00000103DCDR00369521	9420 W Bell Rd Suite 108	Sun City	85351	
Higher than High I LLC, DBA Story South	0000151ESTVN87881223	26427 S Arizona Ave	Chandler	85248	
Joint Junkies I LLC, DBA Story Williams	0000158ESTLH17620655	341 East Route 66	Williams	86046	
Pleasant Plants I LLC, DBA Story Bisbee	00000090ESFB63917979/00000014DCHT00564851	1191 South Naco Highway	Bisbee	85603	
Sixth Street Enterprises Inc., DBA Story Grand	00000090ESFB63917979	6840 W. Grand Avenue	Glendale	85301	
Sixth Street Enterprises Inc., DBA Story McDowell	00000092ESKW00353670/00000088DCXB00897085	2439 W. McDowell Rd.	Phoenix	85009	
Juicy Joint I LLC, DBA Story Kingman	0000147ESTXX54706468	2095 East Northern Avenue #3	Kingman	86409	
The Superior Dispensary	00000065DCLV00799347	211 S 57th Dr	Phoenix	85043	
Earth's Healing South, DBA Earth's Healing Inc.	00000027DCPI00457346	2075 E Benson Hwy	Tucson	85714	
Sol Flower - Deer Valley	00000028DCGV00174888	22041 N 23rd Ave	Phoenix	85027	
Total Health & Wellness Inc., DBA Story North	00000100DCWU00857159/00000021ESQX24132908	17006 S Weber Drive	Chandler	85226	
Cannabis Research Group Inc., DBA Story Tolleson	00000104ESDH57805022	9897 W McDowell RD	Tolleson	85353	
Total Health & Wellness Inc, DBA Story Glendale	00000036DCOP00819772/00000060ESTV86857950	6676 West Bell Rd	Glendale	85308	
Curious Cultivators LLC DBA Story Cannabis Lake Havasu	0000155ESTWD37312465	1691 Industrial Boulevard #103	Lake Havasu City	86403	
Soothing Options DBA: Health for Life	00000094DCTJ00667966/00000117ESPN93487198	5550 E McDowell Rd.	Mesa	85215	
Natures Wonder (Thomas)	00000089ESLW87335751	2825 W Thomas Rd	Phoenix	85017	
FWA, INC DBA; Farm Fresh FWA, INC (Farm Fresh)	00000043DCBC00869823	790 N Lake Havasu	Lake Havasu	86403	
Valley of The Sun Medical Dispensary, Inc.	00000085ESVF25061802	16200 W. Eddie Albert Way	Goodyear	85338	
Earth's Healing North, DBA Globe Farmacy Inc.	00000045DCYU00647140	78 W River RD	Tucson	85701	
Copper State Herbal Center Inc DBA Botanica	00000058DCQU00115543	6205 N Travel Center Dr	Tucson	85741	

Border Health dba Sticky Saguaro	00000022ESMC44584355/00000108DCVB00423429	12338 E Riggs Rd	Chandler	85249
Arizona Golden Leaf Wellness, LLC dba Nature Med	00000077DCPS00216601 / 00000067ESBS89254298	5390 W INA RD	Tucson	85743
The Mint Dispensary DBA G.T.L Llc	00000128DCNB00202967/00000034ESEZ92106085	5210 S Priest Dr	Tempe	85283
Sea of Green LLC.: truBLISS	00000113DCUX00454549/00000057ESJG92466754	6844 East Parkway Norte	Mesa	85212
Jamestown Center	00000031DCPP00603866/00000045ESYU34105986	4104 E 32nd st	Yuma	85365
Holistic Patient Wellness Group, Inc. DBA Sol Flower - McClintock	00000019DCGM00234427	1322 N McClintock, Tempe, AZ	PHOENIX	85281
CSI Solutions, Inc. DBA Sol Flower - Scottsdale	00000008DCJJ00257791	14980 N 78th Way	Scottsdale	85260
Sol Flower - Sun City	00000063DCTB00283389	13650 N. 99th Ave	Sun City	85351
Kannaboost Technology Inc., D.B.A. Sol Flower - Tempe	00000118DCKD00426097	2424 W University Dr.	Tempe	85281
Sol Flower - Foothills	0000166ESTNU15027116	6026 North Oracle Road	Tucson	85704
Sol Flower- North Tucson/1st Ave	0000171ESTSC03605413	4837 North 1st Avenue	Tucson	85718
Sol Flower- South Tucson/Valencia	0000163ESTSO81819209	3000 West Valencia Road	Tucson	85746
Sol Flower- Casa Adobes	0000152ESTNJ52349435	6437 North Oracle Road	Tucson	85704
Jamestown Center DBA Best Dispensary	00000046ESTW28902560/00000032DCOW00232310	1962 N Higley Rd	Mesa	85205
AZ Compassionate Care Inc. DBA Tru Med	00000079DCUU00478781	1613 N 40th St	Phoenix	85008
Nature's Wonder Dispensary AJ	00000035DCCB00049778	260 West Apache Trail	Apache Junction	85120
All Greens, Inc.	00000011DCMZ00182361	10032 W. Bell Rd	Sun City	85351
The Prime Leaf	00000039DCVR00320237	4220 E Speedway Blvd	Tucson	85712
The Prime Leaf on Park	00000025DCPT00084389	1525 N. Park	Tucson	85719
Nature's Wonder, Inc. - Tru Infusion Grand	00000075ESJK64208740	2960 Grand Ave	Phoenix	85017
High Mountain Health, LLC DBA Ponderosa	00000050DCBO00239922/00000087ESWR93327597	1250 S Plaza Way Ste A	Flagstaff	86001
Mmj Apothecary DBA Ponderosa	00000100ESEC12878172	9240 West Northern Avenue Ste. 103b	Peoria	85345
480 License Holdings, LLC DBA Ponderosa	0000154ESTQI31348041	363 North Main Street #103	Florence	85132
Ponderosa Botanical Care Inc DBA Ponderosa	00000066DCBO00410690	318 South Bracken Lane	Chandler	85224
RCH Wellness Center DBA Noble Herb Dispensary Flagstaff Flagstaff	00000069DCFG0071045	522 E Route 66	Flagstaff	86001
Apache County Dispensary LLC dba Elevate	00000133ESGJ79432018	900 E Main St	Springerville	85938
Consume Cannabis, DBA Compassionate Care Of AZ, Inc.	00000091ESHS96689917	1350 N Penrod Rd	Show Low	85901
Verde Dispensary Inc.	00000089DCQY00546716/00000063ESQI60809124	3358 E Andy Devine Ave, Unit A	Kingman	86401
Desert Medical Campus Inc.	00000024DCTZ00479209 - 00000038ESPN59181329	10040 North Metro Parkway West Phoenix, AZ	Metro	85051
Dreem Green Inc.	00000073DCSV00210732 - 00000078ESQG10647381	2412 East University Drive, Phoenix, AZ	Airport	85034
Mohave Cannabis Club 1, LLC	0000002DCJK00811479 - 00000098ESAA47054477	4236 E Juanita Ave , Mesa, AZ	Mesa	85206
Mohave Cannabis Club 2, LLC	00000111DCCI00384281 - 00000119ESKK32735375	20340 N Lake Pleasant Rd. Ste 107 , Peoria, AZ	Peoria	85382
Mohave Cannabis Club 3, LLC	00000133DCEJ00283862 - 00000122ESRN95872973	20224 N 27th Ave, Ste 103 , Phoenix, AZ	North Phoenix	85027
Mohave Cannabis Club 4, LLC	00000123DCYU00460808 - 00000107ESVJ79465811	8028 E State Route 69 Prescott Valley AZ	Prescott Valley	86314
Payson Dreams LLC	0000141DRCDP24213459	108 N Tonto Street Suite A Payson AZ	Payson	85541
Gila Dreams X, LLC	00000137ESPF58509627	100 E State Highway 260, Payson, AZ	Payson	85541
Lawrence Health Services LLC	00000136ESTJ56415147	2250 Highway 60 Suite M, Globe, AZ	Globe	85501
Legacy & Co., Inc.	00000006DCDX00478035 - 00000079ESTS64678211	3001 North 24th Street A, Phoenix, AZ	Arcadia	85016
Piper's Shop LLC	00000138ESOA91816349	1809 W Thatcher Blvd , Safford, AZ	Safford	85546
Yuma County Dispensary LLC	0000145ESNP12373673	3345 E County 15th St , Somerton, AZ	Somerton-Yuma	85350
MCCSE214	0000164ESTEB22806734	1975 E Northern Ave #103, Kingman, AZ	Kingman	86409
MCCSE240	0000169ESTMB88870542	12555 NW Grand Ave B, El Mirage, AZ	El Mirage	85335

MCCSE82	0000165ESTJX05511145	46639 North Black Canyon Highway 1-2, New River, AZ	New River	85087
Green Med Inc.	00000017DCEX00412883 - 00000113ESLZ23317951	6464 E Tanque Verde Rd , Tucson, AZ	Tucson	85715
Wickenburg Alternative Medicine	00000061DCMK00381513 - 00000097ESKC38985532	12620 N Cave Creek Rd Ste 1, Phoenix, AZ	Cave Creek	85022
Desertview Wellness & Healing Solutions LLC	00000038DCAL00224416 - 00000077ESTT45790153	600 S 80th Avenue Suite 100 Tolleson AZ.	Tolleson	85353
Tempe Swallowtail 3, LLC	0000161ESTOJ23023764	5210 S Priest Dr Ste A	Guadalupe	85283
Mesa 4245 Investments LLC	00000036ESXU42814428 - 00000136DCKS00208201	330 E Southern Ave #37	Mesa	85210
Bell Rd Uncle Harry Corp	00000129ESRG43839179 - 00000110DCDE00541508	17036 N Cave Creek Rd	Phoenix	85032
Northern GTL LLC	00000034ESEZ92106085 - 00000128DCNB00202967	2444 W Northern Ave	Phoenix	85021
75th Ave M&T Retail Facility 1, LLC	00000101ESZO30906924 - 00000080DCQI00709964	1211 N 75th Ave	Phoenix	85043
Scottsdale EBA Holdings, Inc	00000068ESZM96727661 - 00000072DCMU00762354	8729 E Manzanita Dr	Scottsdale	85258
El Mirage MCD-SE Venture 25, LLC	0000167ESTML86118201	15235 N Dysart Rd Ste 111D	El Mirage	85335
Power Rd MCD-SE Venture 26, LLC	0000162ESTOS80671885	120 N Power Rd	Mesa	85205
Buckeye Woodstock 1	0000168ESTBM41952754	1629 N 195th Ave Ste 101	Buckeye	85396

Watermelon 100mg/50mg CBG

Sample ID: 2606APO2910.14444

Strain: Grower's Blend Hybrid

Matrix: Ingestible

Type: Soft Chew

Source Batch #:

Collected: 06/24/2026 10:24 am

Received: 06/24/2026

Completed: 06/26/2026

Batch #: LCD10125D-WTR100-3

Harvest Date: 05/26/2025

Client

Bunkhouse Brands

Lic. # 0000156ESTDP70697204

Lot #:

Production/Manufacture Date: 06/06/2026

Production/Manufacture Method: Ethanol



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	06/25/2026	Complete
Microbials	06/26/2026	Pass

Cannabinoids by SOP-6

Complete

5.1117 mg/serving 102.2348 mg/container Total THC	ND ND Total CBD	7.5738 mg/serving 151.4770 mg/container Total Cannabinoids^(Q3)	NT Total Terpenes^(Q3)
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Analyte	LOD mg/container	LOQ mg/container	Result mg/container	Result mg/g	Q
THCa		4.8588	ND	ND	
Δ9-THC		4.8588	102.2349	1.2625	
Δ8-THC		4.8588	ND	ND	
THCV		4.8588	ND	ND	
CBDa		4.8588	ND	ND	
CBD		4.8588	ND	ND	
CBDVa		4.8588	ND	ND	
CBDV		4.8588	ND	ND	
CBN		4.8588	ND	ND	
CBGa		4.8588	ND	ND	
CBG		4.8588	49.2422	0.6081	
CBC		4.8588	ND	ND	
(6aR,9S)-Δ10-THC		4.8588	ND	ND	
(6aR,9R)-Δ10-THC		4.8588	ND	ND	
Total THC			102.2348	1.2624	
Total CBD			ND	ND	
Total			151.4770	1.8705	Q3

Date Tested: 06/25/2026 12:00 am

20 servings per container.

This CoA's Total THC% is compliant with the July 1st 2026 version of the ruleset.



Anthony Settanni

Anthony Settanni
Lab Director
06/26/2026

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(866) 506-5866
www.confidentlims.com



ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:

Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child;

KEEP OUT OF REACH OF CHILDREN.

The product associated with the CoA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of product submitted by Client for testing. Apollo Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Apollo Labs. Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04.

Watermelon 100mg/50mg CBG

Sample ID: 2606APO2910.14444

Strain: Grower's Blend Hybrid

Matrix: Ingestible

Type: Soft Chew

Source Batch #:

Collected: 06/24/2026 10:24 am

Received: 06/24/2026

Completed: 06/26/2026

Batch #: LCD10125D-WTR100-3

Harvest Date: 05/26/2025

Client

Bunkhouse Brands

Lic. # 0000156ESTDP70697204

Lot #:

Production/Manufacture Date: 06/06/2026

Production/Manufacture Method: Ethanol

Microbials

Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	NR	NT	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	NR	NT	

Analyte	LOQ	Limit	Result	Status	Q
E. Coli by traditional plating: SOP-13	CFU/g 10.0	CFU/g 10.0	CFU/g < 10 CFU/g	Pass	

Date Tested: 06/26/2026 12:00 am

Mycotoxins by SOP-22

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
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Date Tested:

Heavy Metals by SOP-21

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
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Date Tested:



Anthony Settanni

Anthony Settanni
Lab Director
06/26/2026

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Bunkhouse Brands

Lic. # 0000156ESTDP70697204

Lot #:

Production/Manufacture Date: 06/06/2026

Production/Manufacture Method: Ethanol

Qualifiers Definitions

Qualifier Notation	Qualifier Description
D1	The limit of quantitation and the sample results were adjusted to reflect sample dilution
I1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q1	Sample integrity was not maintained - Q1
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices - Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

Notes and Addenda:



[Signature]

Bryant Kearl
Chief Scientific Officer
06/26/2026

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Watermelon 100mg/50mg CBG

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Strain: Grower's Blend Hybrid

Matrix: Ingestible

Type: Soft Chew

Source Batch #:

Collected: 06/24/2026 10:24 am

Received: 06/24/2026

Completed: 06/26/2026

Batch #: LCD10125D-WTR100-3

Harvest Date: 05/26/2025

Client

Bunkhouse Brands

Lic. # 0000156ESTDP70697204

Lot #:

Production/Manufacture Date: 06/06/2026

Production/Manufacture Method: Ethanol

Customer Supplied Information:

Batch ID: LCD10125D-WTR100-3

Oil Batch: LCD-10125D



Bryant Kearn
Chief Scientific Officer
06/26/2026

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Distill-LCD-10125D

Batch #: LCD-10125D
Strain: Grower's Blend Hybrid
Parent Batch #:
Production Method: Alcohol
Harvest Date: 05/26/2025
Received: 10/03/2025

Sample ID: 2510SMAZ1703.5041
Amount Received: 14.2 g
Sample Type: Distillate
Sample Collected: 10/03/2025 09:57:00
Manufacture Date: 10/01/2025
Published: 10/07/2025



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Pass
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested

94.3337%
Total THC

2.8893%
Total CBD

<LOQ
CBN

ND
CBG

98.3623%
Total Cannabinoids (Q3)

Ahmed Munshi
Technical Laboratory Director

Smithers CTS Arizona LLC
734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 10/03/2025
SOP: 418.AZ
Batch Number: 4239
Test ID: 93425

Sample Analysis

Date: 10/06/2025
SOP: 417.AZ - HPLC
Sample Weight: 0.042 g
Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.6130	1.8610	2	ND	ND	
CBD	0.6130	1.8610	2	2.8893	28.8930	
CBDA	0.6130	1.8610	2	ND	ND	
CBDV	0.6130	1.8610	2	ND	ND	
CBG	0.6130	1.8610	2	ND	ND	
CBGA	0.6130	1.8610	2	ND	ND	
CBN	0.6130	1.8610	2	<LOQ	<LOQ	
d8-THC	0.6130	1.8610	2	ND	ND	
d9-THC	0.6130	1.8610	2	94.3337	943.3370	
THCA	0.6130	1.8610	2	ND	ND	
THCV	0.6130	1.8610	2	1.1392	11.3920	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	94.3337	943.3370	
Total CBD	2.8893	28.8930	
Total Cannabinoids	98.3623	983.6230	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC
734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



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Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04.
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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Microbial Analysis

Pass

Sample Prep

Batch Date: 10/06/2025
SOP: 412.AZ
Batch Number: 4250
Test ID: 93438

Sample Analysis

Date: 10/07/2025
SOP: 412.AZ - 3M Petrifilm
Sample Weight: 1.039 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 10/06/2025
SOP: 406.AZ
Batch Number: 4246
Test ID: 93440

Sample Analysis

Date: 10/07/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.011 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

Sample Prep

Batch Date: 10/06/2025
SOP: 406.AZ
Batch Number: 4246
Test ID: 93442

Sample Analysis

Date: 10/07/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.011 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

Ahmed Munshi

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Phoenix, AZ 85013
(602) 806-6930



Accreditation #: 103104

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Residual Solvents

HS-GC-MS

Pass

Sample Prep

Batch Date: 10/03/2025
SOP: 405.AZ
Batch Number: 4233
Test ID: 93426

Sample Analysis

Date: 10/06/2025
SOP: 405.AZ - HS-GC-MS
Sample Weight: 0.051 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	65 / 196	1	1000	ND		Heptane	327 / 980	1	5000	ND	
Acetonitrile	27 / 80	1	410	ND		Hexanes	47 / 142	1	290	ND	
Benzene	0.14 / 0.39	1	2	ND		Isopropyl acetate	327 / 980	1	5000	ND	
Butanes	163 / 490	1	5000	ND		Methanol	196 / 588	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	327 / 980	1	5000	ND	
Dichloromethane	39 / 118	1	600	ND		2-Propanol (IPA)	327 / 980	1	5000	ND	
Ethanol	327 / 980	1	5000	ND		Toluene	59 / 175	1	890	ND	
Ethyl acetate	327 / 980	1	5000	ND		Xylenes	284 / 851	1	2170	ND	
Ethyl ether	327 / 980	1	5000	ND							

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Heavy Metals

ICP-MS Pass

Sample Prep

Batch Date: 10/02/2025
SOP: 428.AZ
Batch Number: 4232
Test ID: 93427

Sample Analysis

Date: 10/03/2025
SOP: 428.AZ - ICP-MS
Sample Weight: 0.221 g
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.054	0.181	10	0.4	ND	
Cadmium	0.054	0.181	10	0.4	ND	
Lead	0.054	0.453	10	1	ND	
Mercury	0.054	0.090	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS Pass

Sample Prep

Batch Date: 10/07/2025
SOP: 432.AZ
Batch Number: 4261
Test ID: 93429

Sample Analysis

Date: 10/07/2025
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.504 g
Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.97	9.92	1	20	ND	R1 V1
Aflatoxin B1	3.97	9.92	1		ND	
Aflatoxin B2	3.97	9.92	1		ND	I1, V1
Aflatoxin G1	3.97	9.92	1		ND	R1
Aflatoxin G2	3.97	4.96	1		ND	
Ochratoxin A	9.92	9.92	1	20	ND	I1 V1, L1

Ahmed Munshi
Technical Laboratory Director

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

**Pesticides, Fungicides, and
Growth Regulators**
LC-MS/MS **Pass**

Sample Prep

Batch Date: 10/07/2025
SOP: 432.AZ
Batch Number: 4261
Test ID: 93428

Sample Analysis

Date: 10/07/2025
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.504 g
Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.082 / 0.248	1	0.5	ND	L1 V1	Hexythiazox	0.166 / 0.496	1	1	ND	
Acephate	0.066 / 0.198	1	0.4	ND		Imazalil	0.033 / 0.099	1	0.2	ND	R1
Acetamiprid	0.033 / 0.099	1	0.2	ND		Imidacloprid	0.066 / 0.198	1	0.4	ND	
Aldicarb	0.066 / 0.198	1	0.4	ND	V1	Kresoxim-methyl	0.066 / 0.198	1	0.4	ND	
Azoxystrobin	0.033 / 0.099	1	0.2	ND		Malathion	0.033 / 0.099	1	0.2	ND	
Bifenazate	0.033 / 0.099	1	0.2	ND	L1	Metaxyl	0.033 / 0.099	1	0.2	ND	
Bifenthrin	0.033 / 0.099	1	0.2	ND		Methiocarb	0.033 / 0.099	1	0.2	ND	
Boscalid	0.066 / 0.198	1	0.4	ND		Methomyl	0.066 / 0.198	1	0.4	ND	V1
Carbaryl	0.033 / 0.099	1	0.2	ND		Myclobutanil	0.033 / 0.099	1	0.2	ND	L1 V1
Carbofuran	0.033 / 0.099	1	0.2	ND	V1	Naled	0.082 / 0.248	1	0.5	ND	V1
Chlorantraniliprole	0.033 / 0.099	1	0.2	ND		Oxamyl	0.166 / 0.496	1	1	ND	V1
Chlorfenapyr	0.166 / 0.496	1	1	ND		Paclobutrazol	0.066 / 0.198	1	0.4	ND	L1 V1
Chlorpyrifos	0.033 / 0.099	1	0.2	ND		Permethrins	0.033 / 0.099	1	0.2	ND	
Clofentezine	0.033 / 0.099	1	0.2	ND		Phosmet	0.033 / 0.099	1	0.2	ND	
Cyfluthrin	0.166 / 0.496	1	1	ND		Piperonyl Butoxide	0.330 / 0.992	1	2	ND	
Cypermethrin	0.166 / 0.496	1	1	ND		Prallethrin	0.033 / 0.099	1	0.2	ND	
Daminozide	0.166 / 0.496	1	1	ND		Propiconazole	0.066 / 0.198	1	0.4	ND	L1 V1
Diazinon	0.033 / 0.099	1	0.2	ND		Propoxur	0.033 / 0.099	1	0.2	ND	
Dichlorvos	0.017 / 0.050	1	0.1	ND		Pyrethrins	0.139 / 0.416	1	1	ND	
Dimethoate	0.033 / 0.099	1	0.2	ND		Pyridaben	0.033 / 0.099	1	0.2	ND	
Ethoprophos	0.033 / 0.099	1	0.2	ND		Spinosad	0.033 / 0.099	1	0.2	ND	
Etofenprox	0.066 / 0.198	1	0.4	ND	V1	Spiromesifen	0.033 / 0.099	1	0.2	ND	
Etoazole	0.033 / 0.099	1	0.2	ND		Spirotetramat	0.033 / 0.099	1	0.2	ND	
Fenoxycarb	0.033 / 0.099	1	0.2	ND		Spiroxamine	0.066 / 0.198	1	0.4	ND	
Fenpyroximate	0.066 / 0.198	1	0.4	ND		Tebuconazole	0.066 / 0.198	1	0.4	ND	L1 V1
Fipronil	0.066 / 0.198	1	0.4	ND	I1, L1 V1	Thiacloprid	0.033 / 0.099	1	0.2	ND	
Flonicamid	0.166 / 0.496	1	1	ND	V1	Thiamethoxam	0.033 / 0.099	1	0.2	ND	V1
Fludioxonil	0.066 / 0.198	1	0.4	ND		Trifloxystrobin	0.033 / 0.099	1	0.2	ND	

Ahmed Munshi

Technical Laboratory Director

Ahmed Munshi

Smithers CTS Arizona LLC
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Accreditation #: 103104

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 16935

Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

Cultivated By:

Manufactured By:

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC
734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



Accreditation #: 103104

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Lucid Distribution
21644 N 9th Ave Suite 202
Phoenix, AZ 85027
License #: 000156ESTDP70697204
Sample ID: 2510SMAZ1703.5041
Batch #: LCD-10125D



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 16935

Notes:



Ahmed Munshi

Technical Laboratory Director

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K N D L A B S

BOTANICAL CANNABIGEROL (CBG)

Chain of Custody Regulatory Packet

Lot: CBG26-004



KNDLABS.COM
1-833-KND-4-CBD



KND LABS

KND Labs

Chain of Custody Documentation

For Lot(s): KND Labs CBG Isolate - CBG26-004

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541-668-7444 / OLCC 010-1001626980D / www.EVIO Labs.com

Combine CBG Sample 2 1-21-2020

L2F LLC

Info Only



Confident Cannabis ID: 2001KR0111.0337

Sample ID: M200111-02

Matrix: Hemp

METRC Batch #:

Sampling Method/SOP: Client

Date Sampled: NA

Date Accepted: 01/21/20

Harvest/Process Lot ID:

Batch ID:

Batch Size (g):

Unit for Sale:

Harvest/Production Date:

Cannabinoid Analysis

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Date/Time Extracted: 01/21/20 11:15

Analysis Method/SOP: SOP.T.40.020

Date/Time Analyzed: 01/21/20 22:33

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
Total THC ((THCA*0.877)+Δ9THC)		0.61	0.061	
Total CBD ((CBDA*0.877)+CBD)		3.20	0.320	
THCA	0.040	0.69	0.069	
delta 9-THC	0.040	< LOQ	< LOQ	
CBGA	0.040	85.20	8.52	
CBDA	0.040	3.18	0.318	
CBD	0.040	0.41	0.041	
CBDV	0.040	< LOQ	< LOQ	
CBN	0.040	< LOQ	< LOQ	
CBG	0.040	2.73	0.273	
CBC	0.040	0.68	0.068	
CBDV-A	0.040	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.040	92.80	9.28	

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%; Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.

Stephanie Moon
Laboratory Director - 1/24/2020

EVIO Labs Medford (pka Kenevir Research)
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FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Combine CBG Sample 2 1-21-2020

L2F LLC

Info Only

Sample ID: M200111-02

METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 01/21/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Pesticides

Date/Time Extracted: 01/21/20 12:15

Date/Time Analyzed: 1/22/2020 2:36:05AM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Analyte	LOQ	Action Level	Result	Units	Type
Abamectin	0.250	0.5	< LOQ	ppm	
Acephate	0.200	0.4	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	1.00	2	< LOQ	ppm	
Acetamiprid	0.100	0.2	< LOQ	ppm	Neonicotinoid insecticide
Aldicarb	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Azoxystrobin	0.100	0.2	< LOQ	ppm	
Bifenazate	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.100	0.2	< LOQ	ppm	
Boscalid	0.200	0.4	< LOQ	ppm	Anilide fungicide
Carbaryl	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.100	0.2	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.500	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	0.2	< LOQ	ppm	
Cyfluthrin	0.500	1	< LOQ	ppm	
Cypermethrin	0.500	1	< LOQ	ppm	
Daminozide	0.500	1	< LOQ	ppm	
DDVP (Dichlorvos)	0.500	1	< LOQ	ppm	
Diazinon	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.100	0.2	< LOQ	ppm	
Ethoprophos	0.100	0.2	< LOQ	ppm	
Etofenprox	0.200	0.4	< LOQ	ppm	
Etoxazole	0.100	0.2	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.100	0.2	< LOQ	ppm	
Fenpyroximate	0.200	0.4	< LOQ	ppm	
Fipronil	0.200	0.4	< LOQ	ppm	Pyrazole insecticide
Flonicamid	0.500	1	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.200	0.4	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.500	1	< LOQ	ppm	
Imazalil	0.100	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.100	0.2	< LOQ	ppm	
Metalaxyl	0.100	0.2	< LOQ	ppm	
Methiocarb	0.100	0.2	< LOQ	ppm	Carbamate insecticide



Stephanie Moon
Laboratory Director - 1/24/2020

Page 2 of 7

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Combine CBG Sample 2 1-21-2020

L2F LLC

Info Only

Sample ID: M200111-02

METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 01/21/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Pesticides

Date/Time Extracted: 01/21/20 12:15

Date/Time Analyzed: 1/22/2020 2:36:05AM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Analyte	LOQ	Action Level	Result	Units	Type
Methomyl	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Methyl parathion	0.100	0.2	< LOQ	ppm	
MGK-264	0.100	0.2	< LOQ	ppm	
Myclobutanil	0.100	0.2	< LOQ	ppm	Azole fungicide
Naled	0.250	0.5	< LOQ	ppm	
Oxamyl	0.500	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.100	0.2	< LOQ	ppm	
Phosmet	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	1.00	2	< LOQ	ppm	
Prallethrin	0.100	0.2	< LOQ	ppm	
Propiconazole	0.200	0.4	< LOQ	ppm	
Propoxur	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Pyrethrins	0.500	1	< LOQ	ppm	
Pyridaben	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Spinosad	0.100	0.2	< LOQ	ppm	Spinosyn insecticide
Spiromesifen	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.200	0.4	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.200	0.4	< LOQ	ppm	
Thiacloprid	0.100	0.2	< LOQ	ppm	
Thiamethoxam	0.100	0.2	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.100	0.2	< LOQ	ppm	Strobin fungicide

Results above the action level fail Oregon state testing requirements and will be highlighted **RED**.

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007.



Stephanie Moon
Laboratory Director - 1/24/2020

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EVIO Labs Medford (pka Kenevir Research)
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541-668-7444 / OLCC 010-1001626980D / www.EVIO Labs.com

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Combine CBG Sample 2 1-21-2020

L2F LLC

Info Only

Sample ID: M200111-02

METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 01/21/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Yeast and Mold Enumeration

Date/Time Extracted: 01/24/20 12:49

Analysis Method/SOP: *** DEFAULT

Date/Time Analyzed: 01/24/20 13:43

SPECIFIC

Total Colonies: **18700** CFU/g

About Your Yeast and Mold Results

Botanical materials often have total yeast and mold counts between 1,500 - 7,500 CFU/g. Products that have undergone exposure to solvents, such as alcohol tinctures or concentrated materials extracted with butane, propane, hexane, carbon dioxide, or other organic solvents will typically feature total yeast and mold counts at 0 CFU/g.

The American Herbal Pharmacopoeia recommends herbal products contain no greater than 10,000 CFU/g of total yeasts and molds. Results above 10,000 CFU/g will be highlighted **Red**. Counts greater than 25,000 CFU/g are designated as "**TNTC**" or "Too numerous to count."

Yeasts vs Molds

Yeasts and molds are both broad types of fungi. Yeasts are unicellular and reproduce by budding, creating a small smooth appearance, whereas molds are multicellular and grow through fungal strands called hyphae, creating a fuzzy appearance often associated with mold.

Yeasts and molds are commonly found on natural products, and not all are harmful. Nevertheless, yeasts and molds, as well as their spores, can cause lung irritation, facilitate allergic reactions, or even present life-threatening conditions for immuno-compromised consumers. For instance, the dark mold, *Aspergillus*, can produce toxic chemical byproducts which can be harmful to human health. *Aspergillus* spores can lodge in small crevices in the lungs and grow, leading to a potentially life-threatening condition called Aspergillosis.

A simple total yeast and mold count can be a great way to monitor for potential health hazards in botanical products and help ensure the safety of consumers.



Stephanie Moon
Laboratory Director - 1/24/2020

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Quality Control

Batch: M20A099 - ODA Exhibit B/ SOP.T.30.050 Prep for Cannabinoids

Blank(M20A099-BLK1)				Extracted: 01/21/20 11:15		Analyzed: 01/21/20 19:40	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.040 (%)	< LOQ	delta 9-THC	< LOQ	0.040 (%)	< LOQ
CBDA	< LOQ	0.040 (%)	< LOQ	CBD	< LOQ	0.040 (%)	< LOQ
CBDV-A	< LOQ	0.040 (%)	< LOQ	CBDV	< LOQ	0.040 (%)	< LOQ
CBG	< LOQ	0.040 (%)	< LOQ	CBGA	< LOQ	0.040 (%)	< LOQ
CBN	< LOQ	0.040 (%)	< LOQ	CBC	< LOQ	0.040 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.040 (%)	< LOQ				

LCS(M20A099-BS1)				Extracted: 01/21/20 11:15		Analyzed: 01/21/20 19:53	
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
THCA	108	(%)	70-130	delta 9-THC	109	(%)	70-130
CBDA	112	(%)	70-130	CBD	111	(%)	70-130

Batch: M20A100 - SOP.T.30.060 Pesticide Prep

Blank(M20A100-BLK1)				Extracted: 01/21/20 12:15		Analyzed: 01/21/20 16:40	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Cyfluthrin	< LOQ	0.500 (ppm)	< LOQ	Cypermethrin	< LOQ	0.500 (ppm)	< LOQ
MGK-264	< LOQ	0.100 (ppm)	< LOQ	Chlorfenapyr	< LOQ	0.500 (ppm)	< LOQ
Methyl parathion	< LOQ	0.100 (ppm)	< LOQ	Acequinocyl	< LOQ	1.00 (ppm)	< LOQ
Bifenthrin	< LOQ	0.100 (ppm)	< LOQ	Acephate	< LOQ	0.200 (ppm)	< LOQ
Abamectin	< LOQ	0.250 (ppm)	< LOQ	Acetamiprid	< LOQ	0.100 (ppm)	< LOQ
Aldicarb	< LOQ	0.200 (ppm)	< LOQ	Azoxystrobin	< LOQ	0.100 (ppm)	< LOQ
Bifenazate	< LOQ	0.100 (ppm)	< LOQ	Boscalid	< LOQ	0.200 (ppm)	< LOQ
Carbaryl	< LOQ	0.100 (ppm)	< LOQ	Carbofuran	< LOQ	0.100 (ppm)	< LOQ
Chlorantraniliprole	< LOQ	0.100 (ppm)	< LOQ	Chlorpyrifos	< LOQ	0.100 (ppm)	< LOQ
Clofentezine	< LOQ	0.100 (ppm)	< LOQ	Daminozide	< LOQ	0.500 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.500 (ppm)	< LOQ	Diazinon	< LOQ	0.100 (ppm)	< LOQ
Dimethoate	< LOQ	0.100 (ppm)	< LOQ	Ethoprophos	< LOQ	0.100 (ppm)	< LOQ
Etofenprox	< LOQ	0.200 (ppm)	< LOQ	Etoazole	< LOQ	0.100 (ppm)	< LOQ
Fenoxycarb	< LOQ	0.100 (ppm)	< LOQ	Fenpyroximate	< LOQ	0.200 (ppm)	< LOQ
Fipronil	< LOQ	0.200 (ppm)	< LOQ	Flonicamid	< LOQ	0.500 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ	Hexythiazox	< LOQ	0.500 (ppm)	< LOQ
Imazalil	< LOQ	0.100 (ppm)	< LOQ	Imidacloprid	< LOQ	0.200 (ppm)	< LOQ
Kresoxim-methyl	< LOQ	0.200 (ppm)	< LOQ	Malathion	< LOQ	0.100 (ppm)	< LOQ
Metalaxyl	< LOQ	0.100 (ppm)	< LOQ	Methiocarb	< LOQ	0.100 (ppm)	< LOQ
Methomyl	< LOQ	0.200 (ppm)	< LOQ	Myclobutanil	< LOQ	0.100 (ppm)	< LOQ
Naled	< LOQ	0.250 (ppm)	< LOQ	Oxamyl	< LOQ	0.500 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ	Permethrins	< LOQ	0.100 (ppm)	< LOQ



Stephanie Moon
Laboratory Director - 1/24/2020

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Quality Control

Batch: M20A100 - SOP.T.30.060 Pesticide Prep (Continued)

Blank(M20A100-BLK1)				Extracted: 01/21/20 12:15		Analyzed: 01/22/20 01:34	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Phosmet	< LOQ	0.100 (ppm)	< LOQ	Piperonyl butoxide	< LOQ	1.00 (ppm)	< LOQ
Prallethrin	< LOQ	0.100 (ppm)	< LOQ	Propiconazole	< LOQ	0.200 (ppm)	< LOQ
Propoxur	< LOQ	0.100 (ppm)	< LOQ	Pyrethrins	< LOQ	0.500 (ppm)	< LOQ
Pyridaben	< LOQ	0.100 (ppm)	< LOQ	Spinosad	< LOQ	0.100 (ppm)	< LOQ
Spiromesifen	< LOQ	0.100 (ppm)	< LOQ	Spirotetramat	< LOQ	0.100 (ppm)	< LOQ
Spiroxamine	< LOQ	0.200 (ppm)	< LOQ	Tebuconazole	< LOQ	0.200 (ppm)	< LOQ
Thiacloprid	< LOQ	0.100 (ppm)	< LOQ	Thiamethoxam	< LOQ	0.100 (ppm)	< LOQ
Trifloxystrobin	< LOQ	0.100 (ppm)	< LOQ				

LCS(M20A100-BS1)				Extracted: 01/21/20 12:15		Analyzed: 01/21/20 17:08	
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Cyfluthrin	91.9	0.500 (ppm)	50-150	Cypermethrin	88.4	0.500 (ppm)	50-150
MGK-264	72.4	0.100 (ppm)	50-150	Chlorfenapyr	86.7	0.500 (ppm)	50-150
Methyl parathion	77.1	0.100 (ppm)	50-150	Acequinocyl	118	1.00 (ppm)	50-150
Bifenthrin	102	0.100 (ppm)	50-150	Acephate	122	0.200 (ppm)	50-150
Abamectin	101	0.250 (ppm)	50-150	Acetamiprid	114	0.100 (ppm)	50-150
Aldicarb	79.6	0.200 (ppm)	50-150	Azoxystrobin	107	0.100 (ppm)	50-150
Bifenazate	110	0.100 (ppm)	50-150	Boscalid	98.6	0.200 (ppm)	50-150
Carbaryl	99.5	0.100 (ppm)	50-150	Carbofuran	100	0.100 (ppm)	50-150
Chlorantraniliprole	105	0.100 (ppm)	50-150	Chlorpyrifos	115	0.100 (ppm)	50-150
Clofentezine	109	0.100 (ppm)	50-150	Daminozide	112	0.500 (ppm)	50-150
DDVP (Dichlorvos)	84.7	0.500 (ppm)	50-150	Diazinon	108	0.100 (ppm)	50-150
Dimethoate	101	0.100 (ppm)	50-150	Ethoprophos	98.6	0.100 (ppm)	50-150
Etofenprox	103	0.200 (ppm)	50-150	Etoxazole	93.0	0.100 (ppm)	50-150
Fenoxycarb	126	0.100 (ppm)	50-150	Fenpyroximate	101	0.200 (ppm)	50-150
Fipronil	105	0.200 (ppm)	50-150	Flonicamid	112	0.500 (ppm)	50-150
Fludioxonil	96.8	0.200 (ppm)	50-150	Hexythiazox	105	0.500 (ppm)	50-150
Imazalil	125	0.100 (ppm)	50-150	Imidacloprid	91.7	0.200 (ppm)	50-150
Kresoxim-methyl	115	0.200 (ppm)	50-150	Malathion	112	0.100 (ppm)	50-150
Metalaxyl	108	0.100 (ppm)	50-150	Methiocarb	103	0.100 (ppm)	50-150
Methomyl	100	0.200 (ppm)	50-150	Myclobutanil	113	0.100 (ppm)	50-150
Naled	141	0.250 (ppm)	50-150	Oxamyl	97.0	0.500 (ppm)	50-150
Paclobutrazol	102	0.200 (ppm)	50-150	Permethrins	106	0.100 (ppm)	50-150
Phosmet	108	0.100 (ppm)	50-150	Piperonyl butoxide	107	1.00 (ppm)	50-150
Prallethrin	96.5	0.100 (ppm)	50-150	Propiconazole	113	0.200 (ppm)	50-150
Propoxur	104	0.100 (ppm)	50-150	Pyrethrins	101	0.500 (ppm)	50-150
Pyridaben	93.6	0.100 (ppm)	50-150	Spinosad	100	0.100 (ppm)	50-150



Stephanie Moon
Laboratory Director - 1/24/2020

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 540 East Vilas Road, Suite F, Central Point, OR 97502
 541-668-7444 / OLCC 010-1001626980D / www.EVIO Labs.com

Quality Control

Batch: M20A100 - SOP.T.30.060 Pesticide Prep (Continued)

LCS(M20A100-BS1)				Extracted: 01/21/20 12:15		Analyzed: 01/22/20 02:05	
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Spiromesifen	111	0.100 (ppm)	50-150	Spirotetramat	96.4	0.100 (ppm)	50-150
Spiroxamine	102	0.200 (ppm)	50-150	Tebuconazole	116	0.200 (ppm)	50-150
Thiacloprid	115	0.100 (ppm)	50-150	Thiamethoxam	117	0.100 (ppm)	50-150
Trifloxystrobin	102	0.100 (ppm)	50-150				



Stephanie Moon
 Laboratory Director - 1/24/2020



KND LABS

Form 1014 Rev 04/19
OREGON DEPARTMENT OF AGRICULTURE
635 CAPITOL ST NE, STE 100
SALEM, OR 97301-2532
(503) 986-4550

POST IN A CONSPICUOUS PLACE

L2F LLC
RODNEY WOLTERMAN
6515 TRUAX RD
CENTRAL POINT OR 97502

BUSINESS LOCATION

L2F LLC
706 S CENTRAL AVE
MEDFORD OR 97501

<u>LICENSE NUMBER</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRES</u>	<u>LICENSE</u>
AG-R1055926IHH	02/19/2020	12/31/2020	Hemp Handler Registration

Printed: 02/20/2020

Form 1014 Rev 04/19
OREGON DEPARTMENT OF AGRICULTURE
635 CAPITOL ST NE, STE 100
SALEM, OR 97301-2532
(503) 986-4550

POST IN A CONSPICUOUS PLACE

L2F LLC
RODNEY WOLTERMAN
6515 TRUAX RD
CENTRAL POINT OR 97502

BUSINESS LOCATION

DERICK PROPERTY
6873 TRUAX RD
CENTRAL POINT OR 97502

<u>LICENSE NUMBER</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRES</u>	<u>LICENSE</u>
AG-R1050428IHG	02/19/2020	12/31/2020	Hemp Grower Registration

Printed: 02/20/2020

The Industry Leader in Quality, Certifications and Compliance at Scale.

SALES@KNDLABS.COM

KNDLABS.COM

1-833-KND-4-CBD



KND LABS



COLORADO

Department of Public
Health & Environment

2026 Registration to Operate: Hemp Establishment

Registration must be posted at the following location in a conspicuous place:

Registration #HMP24722

KND Labs LLC

5801 W 6th Ave Unit A

Lakewood CO 80214-2447

Registration valid until: 06/30/2026

Registration Type: Hemp

Issued by: Colorado Department of Public Health and Environment

This certifies that registrant shown hereon is authorized and registered to engage in business in accordance with the provisions of the laws and regulations of the Colorado Department of Public Health and Environment. Any alterations to this registration will automatically make it null and void.

The Industry Leader in Quality, Certifications and Compliance at Scale.

SALES@KNDLABS.COM

KNDLABS.COM

1-833-KND-4-CBD



Farm Products Dealer License

THIS LICENSE IS NOT TRANSFERABLE

KND Labs, LLC

Doing Business As Name(s) (DBA)

KND Labs, LLC

5801 West 6th Avenue

Unit A

Lakewood CO 80214

Effective Date

Expires Date

Farm Products Dealer AgLicense ID # 0031X8

Jan 01, 2026

Dec 31, 2026

Pursuant to provisions of Title 12, Article 16, C.R.S., Is hereby granted a license to transact the business of:

Farm Products Dealer

Kate Greenberg

Commissioner of Agriculture

December 09, 2025

Print Date





K N D L A B S

Natural Derived Botanical CBG Isolate Production Flowchart

Scaled production of CBG Isolate begins with the extraction of U.S.-grown industrial hemp biomass using food-grade ethanol, producing a refined CBG crude.

This crude is further processed through controlled purification steps to yield high-purity CBG isolate, along with a naturally occurring hemp-derived mother liquor. This production method has demonstrated consistent and reliable performance at commercial scale and follows standard food-processing protocols.

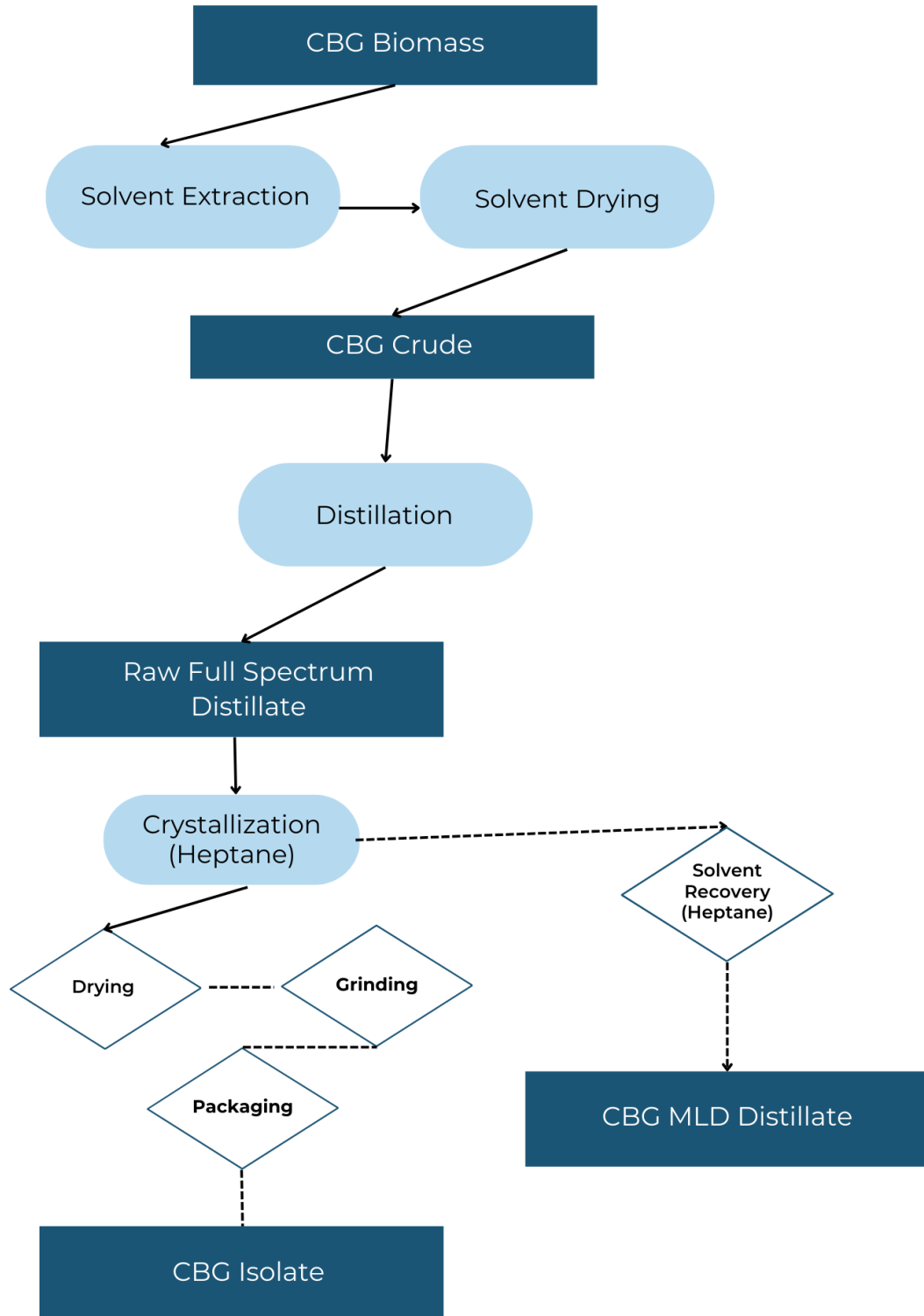
All processing is performed using U.S.-grown hemp at our cGMP-certified, FDA-registered manufacturing facility.

Starting Material: Industrial Hemp Biomass

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K N D L A B S

Certificate of Analysis Document
KND Labs CBG Isolate - Powder Form

Product: CBG26-004

Contents:

Pages:

- | | |
|-----------------------------|-------|
| 1. Test Results | 2 - 7 |
| 2. Technical Specifications | 8 - 9 |

The Industry Leader in Quality, Certifications and Compliance at Scale.

Certificate of Analysis

Produced: Mar 04, 2026

Sample: CBG Isolate (Concentrate) • Client: KND Labs • Batch: Pass

Batch No.: CBG26-
Matrix: Concentrate
Sample ID: ICC-260302-03-001
Collected on: Mar 02, 2026
Received on: Mar 02, 2026
Sample Size:

Batch Result: Pass

Potency Tested
Solvents Pass

Cannabinoid Overview

Total THC:	0.000 %
Total CBD:	0.000 %
Total Cannabinoids:	99.6 %
Sum of Cannabinoids:	99.6 %

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency • Mar 04, 2026 10:06:00 PST

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	ND	ND	0.339/1.02	N/A	CBT	ND	ND	0.147/0.513	N/A
CBD	ND	ND	0.104/0.513	N/A	Δ ⁸ -THC	ND	ND	0.0830/0.513	N/A
CBDA	ND	ND	0.248/0.743	N/A	Δ ⁹ -THC	ND	ND	0.137/0.513	N/A
CBDV	ND	ND	0.0821/0.513	N/A	THCA	ND	ND	0.188/0.565	N/A
CBG	99.6	996	0.117/0.513	N/A	THCV	ND	ND	0.0634/0.513	N/A
CBGA	ND	ND	0.183/0.548	N/A	Total THC**	ND	ND		N/A
CBL	ND	ND	0.0808/0.513	N/A	Total CBD**	ND	ND		N/A
CBN	ND	ND	0.117/0.513	N/A	Total Cannabinoids**	99.6	996		N/A

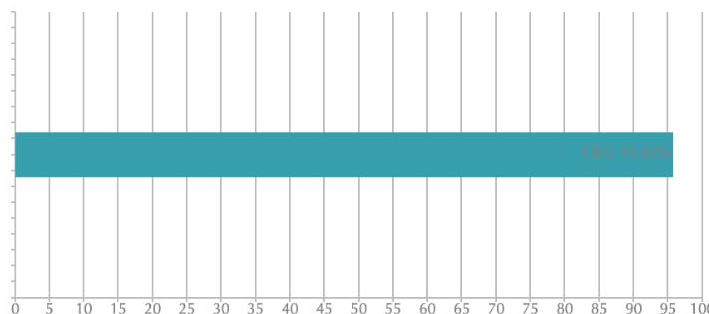
** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (THCA x 0.877)
** Total CBD = CBD + (CBDA x 0.877)
NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope*
*Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.

Company Name: KND Labs LLC
Sample Name: CBG Isolate - Powder Form
Sample Batch: CBG26-004
Sample Type: Concentrate
Test Type: Potency
Nordic ID: 713040-Potency

Date Received: 03/02/2026
Date Tested: 03/03/2026
Date Approved: 03/03/2026
License Number: CDPHE: HMP24722
METRC Tag: 1A4000B0001A6AA000005140
Seal State: Intact

Potency Report

Cannabinoid	% Weight	mg/g	LOQ (%)	LOD (%)
D-9 THC	ND	ND	0.04	0.02
D-9 THCA	ND	ND	0.04	0.02
EXO-THC	ND	ND	0.04	0.02
CBD	ND	ND	0.04	0.02
CBDA	ND	ND	0.04	0.02
CBN	ND	ND	0.04	0.02
CBNA	ND	ND	0.04	0.02
D-8 THC	ND	ND	0.04	0.02
D-10 THC	ND	ND	0.04	0.02
CBG	95.82%	958.20	0.04	0.02
CBGA	ND	ND	0.04	0.02
CBC	ND	ND	0.04	0.02
CBCA	ND	ND	0.04	0.02
THCV	ND	ND	0.04	0.02
THCVA	ND	ND	0.04	0.02
CBDV	ND	ND	0.04	0.02
CBDVA	ND	ND	0.04	0.02
Total	95.82%	958.20	0.04	0.02
Total THC	N/A	N/A	0.04	0.02
Total CBD	N/A	N/A	0.04	0.02



ND = Non-Detect | NR = Non-Reportable Value | Potency testing is performed by Liquid Chromatography

Total THC and CBD values are calculated using the following equations: **Total THC** = [D-8 THC]+[D-9 THC]+[D-10 THC]+[EXO-THC]+([D-9 THCA] x 0.877) | **Total CBD** = [CBD]+([CBD-A] x 0.877)

Laboratory Notes: N/A

SOP Reference: Nordic SOP 005-001 (sample prep), Nordic SOP 005-002 (analysis), Nordic SOP 005-005 (moisture content-where applicable)
Regulatory Reference: Method uncertainty +/-1.7%

Lab Information:

Nordic Analytical Laboratories
3960 Grape Street, Denver,
CO 80207
www.nordicanalytic.com

Aleksey Nikolayev

Aleksey Nikolayev, PhD, Lab Director

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-- END OF REPORT --

Company Name: KND Labs LLC
Sample Name: CBG Isolate - Powder Form
Sample Batch: CBG26-004
Sample Type: Concentrate
Test Type: Heavy Metals
Nordic ID: 713040-Heavy Metals

Date Received: 03/02/2026
Date Tested: 03/04/2026
Date Approved: 03/04/2026
License Number: CDPHE: HMP24722
METRC Tag: 1A4000B0001A6AA000005140
Seal State: Intact

Heavy Metals Report

Metal	Result (ppm)	Limit (ppm)	Pass/Fail	LOQ (ppm)	LOD (ppm)
Arsenic (As)	ND	0.2	PASS	0.0625	0.03125
Cadmium (Cd)	ND	0.2	PASS	0.0625	0.03125
Mercury (Hg)	NR	0.1	PASS	0.03125	0.015625
Lead (Pb)	0.229	0.5	PASS	0.15625	0.078125

ND = Non-Detect
NR = Non-Reportable Value

Laboratory Notes: N/A

SOP Reference: Nordic Analytical SOP: 005-012
Regulatory Reference: Pass/Fail criteria are based on 1 CCR 212-3, Part 4-115 (D:4), simple decision rule

Lab Information:
Nordic Analytical Laboratories
3960 Grape Street, Denver,
CO 80207
www.nordicanalytic.com



Aleksey Nikolayev, PhD, Lab Director

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-- END OF REPORT --

Company Name: KND Labs LLC
Sample Name: CBG Isolate - Powder Form
Sample Batch: CBG26-004
Sample Type: Concentrate
Test Type: Residual Solvents (RSA)
Nordic ID: 713040-Residual Solvents (RSA)

Date Received: 03/02/2026
Date Tested: 03/04/2026
Date Approved: 03/04/2026
License Number: CDPHE: HMP24722
METRC Tag: 1A4000B0001A6AA000005140
Seal State: Intact

Residual Solvent Analysis Results

Solvent	Result(ppm)	Limit(ppm)	Pass/Fail	LOQ	LOD
Butanes	ND	< 1000	PASS	9	4.5
Propane	ND	< 1000	PASS	7	3.5
Methanol	ND	< 600	PASS	0.1	0.05
Pentane	ND	< 1000	PASS	0.1	0.05
Ethanol	ND	< 1000	PASS	0.1	0.05
Acetone	ND	< 1000	PASS	0.1	0.05
Isopropyl Alcohol	ND	< 1000	PASS	0.1	0.05
Hexane	ND	< 60	PASS	0.1	0.05
Ethyl Acetate	ND	< 1000	PASS	0.1	0.05
Benzene	ND	< 2	PASS	0.02	0.01
Heptane	ND	< 1000	PASS	0.1	0.05
Toluene	ND	< 180	PASS	0.1	0.05
Xylenes	ND	< 430	PASS	0.1	0.05

ND = Non-Detect
NR = Non-Reportable Value

Residual Solvent Analysis is performed by Headspace Gas Chromatography with a Flame Ionization Detector.

Laboratory Notes: N/A

SOP Reference: Nordic SOP 005-003
Regulatory Reference: Pass/Fail criteria are based on 1 CCR 212-3, Part 4-115 (D:3), simple decision rule

Lab Information:
Nordic Analytical Laboratories
3960 Grape Street, Denver,
CO 80207
www.nordicanalytic.com



Aleksey Nikolayev, PhD, Lab Director

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-- END OF REPORT --

Company Name: KND Labs LLC
Sample Name: CBG Isolate - Powder Form
Sample Batch: CBG26-004
Sample Type: Concentrate
Test Type: Mycotoxins
Nordic ID: 713040-Mycotoxins

Date Received: 03/02/2026
Date Tested: 03/04/2026
Date Approved: 03/04/2026
License Number: CDPHE: HMP24722
METRC Tag: 1A4000B0001A6AA000005140
Seal State: Intact

Mycotoxins Screening Results

Mycotoxon	Result (ppb)	Limit (ppb)	Pass/Fail	LOQ (ppb)	LOD (ppb)
Aflatoxin B1	ND	20	PASS	4	2
Aflatoxin B2	ND	20	PASS	4	2
Aflatoxin G1	ND	20	PASS	4	2
Aflatoxin G2	ND	20	PASS	4	2
Total Aflatoxins	ND	20	PASS	4	2
Ochratoxin A	ND	20	PASS	4	2

Mycotoxin testing is performed using LC/MS/MS
ppb (parts per billion) = nanogram/gram
ND = Non-Detect
NR = Non-Reportable Value

Laboratory Notes: N/A

SOP Reference: Nordic SOP 005-010 (sample prep), Nordic SOP 005-011 (analysis)

Regulatory Reference: Pass/Fail criteria are based on 1 CCR 212-3, Part 4-115 (D:2), simple decision rule

Lab Information:

Nordic Analytical Laboratories
3960 Grape Street, Denver,
CO 80207
www.nordicanalytic.com



Aleksey Nikolayev, PhD, Lab Director

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-- END OF REPORT --

Company Name: KND Labs LLC
Sample Name: CBG Isolate - Powder Form
Sample Batch: CBG26-004
Sample Type: Concentrate
Test Type: Microbial Contaminant
Nordic ID: 713040-Microbial Contaminant

Date Received: 03/02/2026
Date Tested: 03/06/2026
Date Approved: 03/07/2026
License Number: CDPHE: HMP24722
METRC Tag: 1A4000B0001A6AA000005140
Seal State: Intact

Microbial Analysis Results

Test	CFU/gram Count	Limit(CFU/gram)	Pass/Fail
STEC*	Absent	< 1	PASS
Salmonella*	Absent	< 1	PASS
Total Yeast & Mold**	ND	< 10000	PASS
A. Niger*	Absent	< 1	PASS
A. Fumigatus*	Absent	< 1	PASS
A. Flavus*	Absent	< 1	PASS
A. Terreus*	Absent	< 1	PASS

ND = Not Detected

CFU = Colony Forming Unit

STEC = Shiga Toxin-producing E. Coli

*Testing is performed using PCR

**Testing is performed using plating techniques

Laboratory Notes: N/A

SOP Reference: Nordic SOP 004-002, 004-003, 004-015
Regulatory Reference: Pass/Fail criteria are based on 1 CCR 212-3, Part 4-115 (D:1)

Lab Information:

Nordic Analytical Laboratories
3960 Grape Street, Denver,
CO 80207
www.nordicanalytic.com



Aleksey Nikolayev, PhD, Lab Director

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-- END OF REPORT --



Report Prepared For:
NORDIC ANALYTICAL LABORATORIES LLC
405R-00020
3960 North Grape Street
Denver, CO 80207
Mar 06, 2026

CBG Isolate - Powder Form

Harvest:

Manifest#: 0011590033

Date Accepted: 03/03/26

Sample ID: 12275-005



METRC ID: 1A4000B0001A6AA000005141

Matrix: IHP- EXTRACT/CONCENTRATE

Pesticide Analysis (ppb)

Batch Identification: 111291, 111304
Analysis Method: LP006

Instrument: Sciex TQMS
Analysis Date: 03/04/26

Analyte	Result	Action Limit	LOQ	LOD	Analyte	Result	Action Limit	LOQ	LOD
Abamectin	< LOD	100	21.0	7.00	Acephate	< LOD	20.0	12.0	4.00
Acequinocyl	< LOD	30.0	9.00	3.00	Acetamiprid	< LOD	100	16.0	4.00
Aldicarb	< LOD	1000	45.0	15.0	Allethrin	< LOD	200	75.0	25.0
Atrazine	< LOD	25.0	15.0	5.00	Azoxystrobin	< LOD	20.0	10.0	3.00
Benzovindiflupyr	< LOD	20.0	18.0	6.00	Bifenazate	< LOD	20.0	12.0	4.00
Bifenthrin	< LOQ	1000	15.0	5.00	Boscalid	< LOD	20.0	9.00	3.00
Buprofezin	< LOD	20.0	12.0	4.00	Carbaryl	< LOD	50.0	12.0	4.00
Carbofuran	< LOD	20.0	12.0	4.00	Chlorantraniliprole	< LOD	20.0	12.0	4.00
Chlorphenapyr	< LOD	50.0	27.0	9.00	Chlorpyrifos	< LOD	40.0	9.00	3.00
Clofentezine	< LOD	20.0	6.00	2.00	Clothianidin	< LOD	50.0	6.00	2.00
Coumaphos	< LOD	20.0	9.00	3.00	Cyantraniliprole	< LOD	20.0	15.0	5.00
Cyfluthrin	< LOD	200	120	40.0	Lambda-Cyhalothrin	< LOD	250	100	33.0
Cypermethrin	< LOD	300	48.0	16.0	Cyprodinil	< LOD	250	12.0	4.00
Daminozide	< LOD	100	75.0	25.0	Deltamethrin	< LOD	500	120	40.0
Diazinon	< LOD	20.0	6.00	2.00	Dichlorvos	< LOD	100	30.0	10.0
Dimethoate	< LOD	20.0	15.0	5.00	Dimethomorph	< LOD	50.0	9.00	3.00
Dinotefuran	< LOD	100	75.0	25.0	Diuron	< LOD	125	30.0	10.0
Dodemorph	< LOD	50.0	30.0	10.0	Endosulfan Sulfate	< LOD	50.0	6.00	2.00
Endosulfan-alpha	< LOD	200	30.0	10.0	Endosulfan-beta	< LOD	50.0	12.0	4.00
Ethoprophos	< LOD	20.0	9.00	3.00	Etofenprox	< LOD	50.0	9.00	3.00
Etoxazole	< LOD	20.0	12.0	4.00	Etridiazole	< LOD	30.0	27.0	9.00
Fenhexamide	< LOD	125	75.0	25.0	Fenoxycarb	< LOD	20.0	12.0	4.00
Fenpyroximate	< LOD	20.0	12.0	4.00	Fensulfothion	< LOD	20.0	12.0	4.00
Fenthion	< LOD	20.0	6.00	2.00	Fenvalerate	< LOD	100	30.0	10.0
Fipronil	< LOD	60.0	6.00	2.00	Flonicamid	< LOD	50.0	12.0	4.00
Fludioxonil	< LOD	20.0	12.0	4.00	Fluopyram	< LOD	20.0	9.00	3.00
Hexythiazox	< LOD	10.0	9.00	3.00	Imazalil	< LOD	50.0	15.0	5.00
Imidacloprid	< LOD	20.0	15.0	5.00	Iprodione	< LOD	1000	12.0	4.00
Kinoprene	< LOD	500	300	100	Krosoxim-methyl	< LOD	20.0	15.0	5.00
Malathion	< LOD	20.0	12.0	4.00	Metalaxyl	< LOD	20.0	9.00	3.00
Methiocarb	< LOD	20.0	15.0	5.00	Methomyl	< LOD	50.0	24.0	8.00
Methoprene	< LOD	2000	30.0	10.0	Mevinphos	< LOD	50.0	30.0	10.0
MGK 264	< LOD	50.0	21.0	7.00	Myclobutanil	< LOD	20.0	12.0	4.00
Naled	< LOD	100	30.0	10.0	Novaluron	< LOD	50.0	15.0	5.00

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Laurel Berch For Jay Thakkar, Ph.D., Laboratory Director

MED Testing Facility #405R-00010 #405-00011

Accredited to ISO/IEC 17025-2017

Accreditation No. 82006

Bona Fides Laboratory, Inc. - 4910 Fox St. Unit E - Denver, CO 80216 (303) 292-0221



Report Prepared For:
NORDIC ANALYTICAL LABORATORIES LLC
405R-00020
3960 North Grape Street
Denver, CO 80207
Mar 06, 2026

CBG Isolate - Powder Form

Harvest:

Manifest#: 0011590033

Date Accepted: 03/03/26

Sample ID: 12275-005



METRC ID: 1A4000B0001A6AA000005141

Matrix: IHP- EXTRACT/CONCENTRATE

Pesticide Analysis (ppb)

Analyte	Result	Action Limit	LOQ	LOD	Analyte	Result	Action Limit	LOQ	LOD
Other Pesticides	< LOD	1.00	1.00	1.00	Oxamyl	< LOD	3000	18.0	6.00
Paclobutrazol	< LOD	20.0	12.0	4.00	Parathion-methyl	< LOD	50.0	6.00	2.00
Permethrins	< LOD	500	15.0	5.00	Phenothrin	< LOD	50.0	24.0	8.00
Phosmet	< LOD	20.0	6.00	2.00	Pirimicarb	< LOD	20.0	12.0	4.00
Prallethrin	< LOD	50.0	33.0	11.0	Propiconazole	< LOD	100	30.0	10.0
Propoxur	< LOD	20.0	9.00	3.00	Pyraclostrobin	< LOD	20.0	9.00	3.00
Pyridaben	< LOD	50.0	15.0	5.00	Pyriproxifen	< LOD	10.0	9.00	3.00
Quintozine	< LOD	20.0	9.00	3.00	Resmethrin	< LOD	100	33.0	11.0
Spinetoram	< LOD	20.0	12.0	4.00	Spinosad	< LOD	100	12.0	4.00
Spirodiclofen	< LOD	250	36.0	12.0	Spiromesifen	< LOD	3000	18.0	6.00
Spirotetramat	< LOD	20.0	12.0	4.00	Spiroxamine	< LOD	100	9.00	3.00
Tebuconazole	< LOD	50.0	18.0	6.00	Tebufenozide	< LOD	20.0	12.0	4.00
Teflubenzuron	< LOD	50.0	36.0	12.0	Tetrachlorvinphos	< LOD	20.0	12.0	4.00
Tetramethrin	< LOD	100	30.0	10.0	Thiabendazole	< LOD	20.0	9.00	3.00
Thiacloprid	< LOD	20.0	9.00	3.00	Thiamethoxam	< LOD	20.0	9.00	3.00
Thiophanate-methyl	< LOD	50.0	30.0	10.0	Trifloxystrobin	< LOD	20.0	15.0	5.00

Reported results are for compliance testing purposes

Lab comments: N/A

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Laurel Berch For Jay Thakkar, Ph.D., Laboratory Director

MED Testing Facility #405R-00010 #405-00011

Accredited to ISO/IEC 17025-2017

Accreditation No. 82006

Bona Fides Laboratory, Inc. - 4910 Fox St. Unit E - Denver, CO 80216 (303) 292-0221



Technical Specifications

Product Name: CRYSTALLINE CANNABIGEROL ISOLATE

≥ 98% CBG | ≤ 0.2% THC

The Industry Leader in Certifications & Compliance



1. Product Data

DESCRIPTION

KND Crystalline Cannabigerol (CBG) Isolate goes through a primary extraction from industrial hemp using approved hydrocarbon solvents. It is then refined into a high-potency isolate. The Industrial Hemp Biomass is sourced from US Growers who have registered with their state's respective Department of Agriculture.

INTENDED USE

Industry specific per customer. Unfinished ingredient requiring further processing.

COUNTRY OF ORIGIN

Made in USA from domestic ingredients

INCOMPATIBILITIES

No known incompatibilities

STANDARD PACKAGING

HDPE Food Grade Plastic - Bucket, Canister, Drum; Aluminum Screw-top Bottle, Metal Tin, Steel Drum

SHELF LIFE

24 months after packaging

STORAGE & HANDLING

Storage Container : Store in original, tightly closed containers under dry conditions at ambient temperature. Do not freeze. Limit exposure to light.

Temperature: Keep at temperatures between 10°C to 23°C.

Once cannabinoids are exposed to air, they may oxidize and darken in color. Cannabinoid powders are highly hygroscopic and may clump when exposed to humidity, causing a decrease in potency. It is recommended to add desiccants to the product after opening to mitigate moisture absorption.

ALLERGEN STATEMENT

Does not contain beef, buckwheat, celery, cereals with gluten, chicken, crustacean shellfish, egg, fish, lupin, mango, milk, molluscan shellfish, mustard, peach, peanut, pork, royal jelly, sesame, soy, tree nuts, tomato, or wheat.

FOOD AND DRUG ADMINISTRATION DISCLOSURE

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

WARNING STATEMENT

Not recommended for children, pregnant, or nursing women. If taking medication, consult a physician before use. Keep out of the reach of children.

CALIFORNIA PROPOSITION 65

May contain exposures to delta-9- Tetrahydrocannabinol (Δ^9 THC) which is known to the State of California to cause birth defects or other reproductive harm. KND Labs tests for Δ^9 THC and though its presence may not be detected or may be minimal, a warning is required because limitations of exposure are not defined.

2. Specifications - General Information

APPEARANCE

White crystalline powder

SOLUBILITY

Oil

FLAVOR

No significant flavor

COMPOSITION

100% Hemp extract by weight

ODOR

No significant odor

PLANT PARTS USED IN OIL

Stalk, stem, flower

CONSISTENCY

Fine-coarse powdered crystal

Know your CBD Source. Buy Direct from the Manufacturer.

SALES@KNDLABS.COM | KNDLABS.COM | 1-833-KND-4-CBD



Technical Specifications

Product Name: CRYSTALLINE CANNABIGEROL ISOLATE

≥ 98% CBG | ≤ 0.2% THC

3. Composition/Ingredient Information

APPROVED TESTING LABS

The following third party labs have been approved to test KND products based on a track record of quality and regulatory compliance:

- Botanacor dba SC Labs
- DB Labs
- Eurofins

If the listed labs are not used for the finished product, KND recommends that the ingredient is tested at the desired non KND approved lab to calibrate the finished product results.

NOTE:

¹ Unfinished hemp products are only required to test for potency per 6 CCR 1010-21.7 (F) *Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations*. All other contaminants are not required for compliance testing. Additional testing may be arranged. Please contact a KND representative. For more information, visit <https://cdphe.colorado.gov/hemp-food>.

CANNABINOID CONTENT	%	METHOD(S)
CBG	≥ 98.0	HPLC applications LCMS LCUV
THC	≤ 0.2	
CBGA	Reportable	
CBDV	Reportable	
CBN	Reportable	
CBD	Reportable	

CANNABIGEROL INFORMATION	
INCI Name	Cannabigerol
CAS-No	25654-31-3
Molecular Weight (g/mol)	316.48
Chemical Formula	C ₂₁ H ₃₂ O ₂

OTHER	LIMIT	METHOD(S)
HEAVY METALS	See Note ¹	ICP-MS ; MS-MS
PESTICIDES	See Note ¹	GC applications; HPLC applications; LCMS applications
MICROBIOLOGICAL	See Note ¹	Microarray ; PCR ; qPCR ; Petrifilm ; VIDAS
RESIDUAL SOLVENTS	See Note ¹	GC applications

Know your CBD Source. Buy Direct from the Manufacturer.



K N D L A B S

HACCP Plan

Industrial hemp extracts and blends.

KND Labs

5801 West 6th Avenue, Unit A

Lakewood, CO 80214

4-22-2025

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HACCP Introduction

“Hazard Analysis Critical Control Points (HACCP) is an internationally recognized method of identifying and managing food safety related risk and, when central to an active food safety program, can provide your customers, the public, and regulatory agencies assurance that a food safety program is well managed.

HACCP is a management system in which food safety is addressed through the analysis and control of biological, chemical, and physical hazards from raw material production, procurement and handling, to manufacturing, distribution and consumption of the finished product,” Safe Food Alliance

Principle 1: Conduct a hazard analysis.

Principle 2: Determine the critical control points (CCPs).

Principle 3: Establish critical limits.

Principle 4: Establish monitoring procedures.

Principle 5: Establish corrective actions.

Principle 6: Establish verification procedures.

Principle 7: Establish record-keeping and documentation procedures.

KND Labs Product Information

Product Name: Broad Spectrum Distillates

Description: Broad Spectrum is defined by the CDPHE as, “broad spectrum means industrial hemp products that contain multiple cannabinoids and no more than 0.01% total THC. However, KND Labs, LLC produced unfinished hemp extracts therefore, KND distillates are to undergo further processing before reaching consumers. KND Broad Spectrum Distillates are an oil with a controlled profile of cannabinoids.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabichromene (Botanical CBC)

Description: KND cannabichromene is a liquid cannabinoid oil that is non-psychoactive.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabidiol (Botanical CBD)

Description: CBD is a naturally occurring compound found in the flower of the cannabis plant. CBD is the second most abundant cannabinoid found in the cannabis plant.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabidiolic Acid

Description: CBDA is a precursor to cannabidiol. It has an acidic carboxyl group that is lost by heat to form cannabidiol.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 12 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabidivarin

Description: CBDV is a non-psychoactive cannabinoid that is the homolog of cannabidiol.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 18 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabigerol (Botanical CBG)

Description: CBG is the decarboxylated form of cannabigerolic acid.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabigerolic Acid

Description: CBGA is the precursor cannabinoid to all other cannabinoids.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 12 month stability.

Product Properties – Refer to finished product specification.

Product Name: Cannabinol (Botanical CBN)

Description: Cannabinol comes from the breakdown of psychoactive cannabinoid THC. It is known to have a mild psychoactive effect.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Full Spectrum Distillates

Description: Full Spectrum is defined by the CDPHE- “Full spectrum means an industrial hemp product that contains all phytochemicals naturally found in the plant, trace cannabinoids, terpenes, and essential oils, with no more than 0.3% total THC.” However, KND Labs, LLC produced unfinished hemp extracts therefore, KND distillates are to undergo further processing before reaching consumers.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 24 month stability.

Product Properties – Refer to finished product specification.

Product Name: Tetrahydrocannabinol

Description: An oil cannabinoid that lacks the psychoactive delta-9 tetrahydrocannabinol. KND has both synthetic and natural options.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 18 month stability.

Product Properties – Refer to finished product specification.

Product Name: Water Miscible

Description: KND cannabinoids undergo processing that will allow the ingredient to mix in water. With select options of concentrations, any oils can undergo this process.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 12 month stability.

Product Properties – Refer to finished product specification.

Product Name: Water Soluble

Description: KND cannabinoids are emulsified so the ingredient can mix in water. With select options of concentrations, any oils can undergo this process.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life – Retest: 12 month stability.

Product Properties – Refer to finished product specification.

Product Name: Bulk Oil Blends

Description: Bulk oil blends are customized blends using the customer choice of carrier oil and the requested cannabinoid content/profile.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life: Refer to carrier oil stability.

Product Properties – Refer to finished product specification.

Product Name: Tapioca Blends

Description: Tapioca blends are customized blends using tapioca syrup and the requested cannabinoid content/profile.

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life: 24 months from Tapioca date of manufacture

Product Properties – Refer to finished product specification.

Product Name: Botanical Hemp Derived Delta-9

Description: KND Botanical Hemp Derived Delta 9 THC goes through a primary extraction from industrial hemp using approved hydrocarbon solvents, denatured ethyl alcohol, or CO2. It is then refined into a high-potency distillate with no detection of Delta 8.

Solvents: Cryo Ethanol

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life: 18 months from package date.

Product Properties – Refer to finished product specification.

Product Name: Hemp Derived Delta-9

Description: KND Hemp Derived Delta 9 THC goes through a primary extraction from industrial hemp using approved hydrocarbon solvents, denatured ethyl alcohol, or CO2. It is then refined into a high-potency distillate, containing less than 3% Delta 8.

Solvents: Cryo Ethanol

Intended Use: Industry specific per customer. Unfinished ingredient requiring further processing.

Intended End Users: Manufacturers.

Packaging Type: Varies. Refer to finished product specification.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store sealed in a cool, dry place. If repacked, keep in a container

Labeling Instructions: FDA Disclosure. Warning Statement.

Storage Conditions: Store in a cool, dry place away from direct light. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C. Do not freeze.

Shelf life: 18 months from package date.

Product Properties – Refer to finished product specification.

Co-Manufacturing Product Information

Table 1.0 - KND Labs Co. Manufacturing Responsibilities

Responsibility	Brand Owner	Co-Manufacturer
Product formulation	☑ Usually owned	✗ May assist

HACCP Plan Development	☒ Approves/Reviews	☒ Develops & maintains
Regulatory compliance	☒ Shares liability	☒ Shares liability
Facility HACCP execution	X	☒ Full responsibility
Documentation access	☒ May be granted	☒ Maintains on site

Product Name: Longevity-15 Fatty Acid

Description: Longevity 15 is a health supplement for animals made with a proprietary blend of ingredients and C15 Fatty Acid.

Brand Owner: Pets Best Life, LLC

Solvents: N/A

Intended Use: Supplement for companion animals. NOT FOR HUMAN CONSUMPTION

Intended End Users: Consumer.

Packaging Type: 46.3mm x 100mm Sachet / 30 sachets per carton.

Distribution Controls: Ambient temperatures. Recommended for quality reasons, to be kept at temperatures between 10°C to 25°C.

Handling Controls: Store under dry conditions at ambient temperature. Do not freeze. Avoid contact with eyes.

Labeling Instructions: Human Consumption Warning Statement.

Storage Conditions: Store under dry conditions at ambient temperature. Do not freeze. Avoid contact with eyes.

Shelf life: 24 months from package date.

Product Properties – Refer to finished product specification.

HACCP Team

Position	Type of Training	# of Training Doc	PC Qualified?
Compliance Manager	FSPCA PC for Human Food	1	Yes
Product Safety and Quality Specialist	FSPCA PC for Human Food	1	Yes
General Manager	None	0	No
Operations Manager	None	0	No
CEO	None	0	No

Hazard Analysis Worksheet

Process Step	Potential Food Safety Risk (B) Biological (C) Chemical (P) Physical (A) Allergen		L i k e l i h o o d	S e v e r i t y	S i g n i f i c a n c e	Decision Justification	What preventive measures can be applied to significantly minimize or prevent food safety hazards?	Is this step a PP / CCP?
Receiving Packaging	B	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
	C	Non-food grade	5	3	20	Supply chain errors	Purchasing controls Receiving controls	PP
	P	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
Receiving Ingredient – Hemp - Biomass	B	Vegetative pathogens, Mold/Yeast	4	2	8	Agriculture product	Further processing steps using ethanol and enduring carboxylation and distillation reduces hazard.	No
	C	THC	4	3	17	Cannabis sativa. FDA Regulation	Supplier approval Receiving controls Supplier must comply with FDA regulation	PP
		Mycotoxins, Heavy Metals, Pesticides	3	2	8	Agriculture product	Supplier approval Receiving controls Supplier must comply with FDA regulation Biomass Storage Controls	PP
	P	Non-Hemp Debris	2	3	6	Agriculture product	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	No
Receiving Ingredient – Hemp - Crude	B	No	No	No	No	Hazards not reasonably likely to occur due to the crude production process and lack of microbiological	No	No
	C	THC	3	3	13	Cannabis sativa. FDA Regulation	Supplier approval Receiving controls Supplier must comply with FDA regulation	PP
	P	Metal	3	3	9	Supplier may not control physical hazards throughout their process.	Supplier approval Separation occurs with distillation of any significant physical hazard	PP

Receiving Ingredient – Hemp - Distillate	B	No	No	No	No	Hazards not reasonably likely to occur due to the nature non-microbial supporting nature of the ingredient.	No	No
	C	THC	3	3	13	Cannabis sativa. FDA Regulation	Supplier approval Receiving controls Supplier must comply with FDA regulation	PP
	P	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
Receiving Ingredient – Hemp - Isolate	B	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
	C	THC	5	3	20	Cannabis sativa. FDA Regulation	Supplier approval Receiving controls Supplier must comply with FDA regulation	PP
	P	Foreign material	4	4	21	Supplier may not control physical hazards throughout their process.	Supplier approval	PP
Receiving Ingredient – Oils for Blends	B	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
	C	Allergens	4	2	12	Cross-contamination within source facility	Supplier approval / Allergen Control Program	PP
	P	No	No	No	No	Supplier may not control physical hazards throughout their process.	Supplier approval	PP
Receiving Ingredient – Water Soluble	B	Vegetative pathogens - Salmonella, E. coli , L. monocytogenes	4	2	12	Supplier may not control biological hazards throughout their process.	Supplier approval	PP
	C	Allergens	4	2	12	Cross-contamination within source facility	Supplier approval / Allergen Control Program	PP
	P	No	No	No	No	Supplier may not control physical hazards throughout their process.	Supplier approval	PP
Receiving Processing Aids	B	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
	C	No	No	No	No	Supplier may offer processing aids of lesser purity.	Receiving controls	PP

	P	No	No	No	No	Supplier may not control physical hazards throughout their process.	Supplier approval	PP
Receiving Processing Aids	B	No	No	No	No	Hazards not reasonably likely to occur due to a supplier approval process and lack of plant history with hazards.	No	No
	C	No	No	No	No	Supplier may offer processing aids of lesser purity.	Receiving controls	PP
	P	No	No	No	No	Supplier may not control physical hazards throughout their process.	Supplier approval	PP
	P	Foreign material	1	1	1	Hazards not reasonably likely to occur due to lack of plant history with hazards.	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	CP
Winterization	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Filtration	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	QC
Solvent Recovery	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Solvent removal – boiling off the solvent Ethanol $> 78^{\circ}\text{C}$ Pentane $> 36^{\circ}\text{C}$	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Crude Oil Decarboxylation	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Temperatures set at $\geq 135^{\circ}\text{C}$ (275°F)	QC

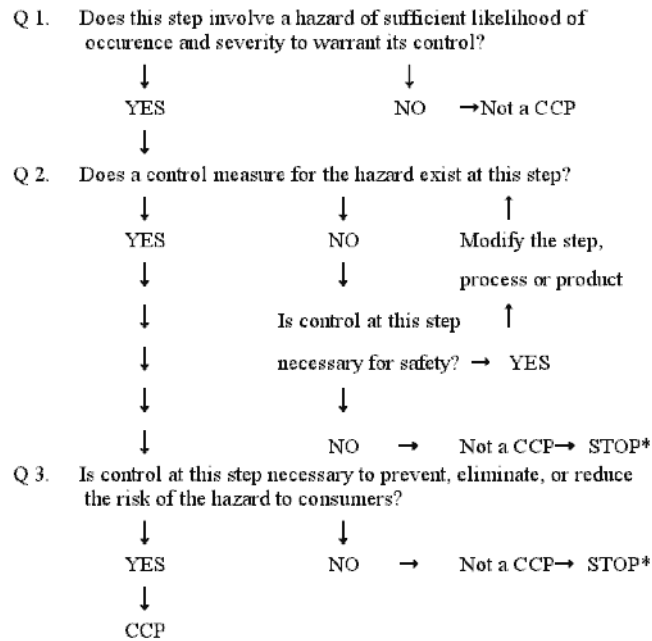
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Distillation	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Temperatures to evaporate cannabinoids $\geq 160^{\circ}\text{C}$ (320°F)	No
	C	THC	3	3	13	THC levels are concentrated and can become $\geq 0.3\%$	Saleable raw distillate $\leq 5.0\%$ ("unfinished industrial hemp extract," CDPHE 6 CCR 1010-21)	CP (FINI)
	P	Foreign material	2	1	2	Hazards not reasonably likely to occur due to lack of plant history with hazards.	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	CP
Crystallization	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of history with hazards.	No	No
	C	Processing Aid	3	3	9	Hydrocarbons used as a processing aid. It is removed as part of the process. Residuals may remain at levels above spec(quality) but below safety limits	Hydrocarbon removal during filtration, drying, and grinding	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Filtration – Post-Crystallization	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of history with hazards.	No	No
	C	Processing Aid	1	2	3	Hydrocarbons used as a processing aid.	Hydrocarbon removal during filtration, drying, and grinding	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Solvent-Free Process	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Temperatures reaching 90°C (194°F) for ≥ 60 minutes	No
	C	Residual Solvent	2	1	2	Remove any remaining solvent. Hazards not reasonably likely to occur due to lack of plant history with hazards.	Temperatures reaching 90°C (194°F) for ≥ 60 minutes which is above solvent BP	QP
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	No

Crystallization - UPI	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of history with hazards.	No	No
	C	Processing Aid	3	3	9	Hydrocarbons used as a processing aid. It is removed as part of the process. Residuals may remain at levels above spec(quality) but below safety limits	Hydrocarbon removal during filtration, drying, and grinding	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Drying	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	Residual Solvent	3	2	6	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Warm Temperatures set at $\geq 70^{\circ}\text{C}$ Pentane BP $> 36^{\circ}\text{C}$ (96.8°F)	CP
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Grinding	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	Metal Shaving	3	3	9	Metal on metal contact of blades	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	CP
Formulation	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards and product prominently oil (low water activity <0.6)	No	No
	C	THC	3	3	13	Mis formulation	Third party testing of raw materials Formulation verification	PP
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Packaging	B	No	No	No	No	Hazards not reasonably likely to occur due to nature of product (aw > 0.6)	No	No
	C	THC	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No

	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	7mm – 25mm FDA limit for foreign material. Use screen that is ≥ 20 mesh size (841 micron; 0.0331in; 0.84mm)	CP (oils)
Storage	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Shipping	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Transporting materials between locations	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Tincture Production Line	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	Cross Contamination	3	No	No	Cross-contamination within product line	Tincture Pre-Check List Tincture Post Check List	PP

	P	Broken Glass	3	4	12	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Tincture Pre-Check List will ensure the process has been eliminated for any potential danger... Any glass breakage will immediately prompt SOP #: 04.019.01. All glass breakage requires full disassembly of the filling station and cleaning process.	CP
Sachet Machine	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Himalayan Cheese	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	A	No	No	No	No	One of the Big 8 Allergens. Is dried powdered	04.021.00 Transfer and Handling of Himalayan Cheese	CCP
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No

CCP Determination



Critical Control Point Summary

Critical Control Point	Critical Limits	Monitor				Corrective Actions	Verification	Records
		What	How	Frequency	Who			
NA	NA	NA	NA	NA	NA	NA	NA	NA

Risk Analysis

FOOD SAFETY RISK MATRIX

		Severity				
		1 Insignificant <i>No Injury</i>	2 Minor <i>Medical Attention</i>	3 Moderate <i>Increased Medical Attention</i>	4 Major <i>Severe Health Crisis</i>	5 Extreme <i>Severe Injury or Death</i>
Likelihood of Occurrence	1 Rare	1	2	3	4	5
	2 Unlikely	2	4	6	8	10
	3 Possible	3	6	9	12	15
	4 Likely	4	8	12	16	20
	5 Almost Certain	5	10	15	20	25

Document History

Rev.	Date	Editor	Approver	Nature of Change
00	7/23/2020	M. Kober	K. Kirkpatrick	Original
01	8/9/2022	K. McIntosh	A. Todd	Include BSO, FSO, minors, blends. Change pentane hydrocarbons to hydrocarbons in general. Review Control Points. Deleted Equipment. Include Ingredient HACCP. Outline task necessary to comply with specification, regulations, and quality/safety
02	4/12/2024	S. Alo	N. Wilson	Changed Risk Matrix to ensure consistency across all documentation. Included Tapioca Blends in production information. Removed names from team members.
03	5/6/2024	S. Alo	N. Wilson	Included Botanical and Standard Hemp Derived HD9 to Product Information.
04	4/22/2025	S. Alo	N. Wilson	Included Co-Manufacturing Section under Product Descriptions. Added Longevity-15 as Co-manufacturing product. Included Tincture Production Line and Sachet Machine in our Hazardous Analysis.

KND LABS



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