Final Product Information:	
Product Form	Chocolate Bars | CBN Dark Chocolate | 100mg THC/50mg CBN
Strain	Grower's Blend Hybrid
Batch Number	LCD10125D-DKCBN150-1
Manufacture Date	05/22/2026
Expiration Date	05/22/2027
Starting Concentrate Information:	
Type	Distillate
Batch Number	LCD-10125D
Harvest Date	05/26/2025
Manufacture Date	10/01/2025
Type of Extraction	Alcohol
Manufactured By	The Distillery (Life Changers Investments LLC) | 0000156ESTDP70697204
Starting Flower Information:	
Strain	Grease Monkey
Batch Number	GRMO-2467-20240502
Harvest Date	05/26/2025
Strain	Blue Jam
Batch Number	BLJM-2894-20250402
Harvest Date	05/26/2025
Distribution Chain:	
Manufactured By	Life Changers Investments LLC | 0000156ESTDP70697204
Cultivated By	Desert Boyz LLC | 0000153ESTXW47689762
Packaged By	Life Changers Investments LLC | 0000156ESTDP70697204
Distributed By	Life Changers Investments LLC | 0000156ESTDP70697204
Marijuana Establishment Name	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 Clty	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

SC Labs®

Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 07/01/2026 8:31 P.M. | CC ID: 2606C4L0029.0830

SAMPLE DETAILS

OVERALL BATCH RESULT: PASS

SAMPLE NAME: Dark/CBN 150mg

Edible, Edible, Grower's Blend Hybrid

CLIENT

Business Name: Bunkhouse Brands
License Number: 0000156ESTDP70697204
Address: 1225 W. Deer Valley Rd
Phoenix AZ 85027

SAMPLE DETAIL

Batch Number: LCD10125D-DKCBN150-1
Sample ID: 260626M036
Lot#:
Manufacture Date: 05/22/2026
Harvest Date: 05/26/2025

Date Collected: 06/26/2026 11:49 a.m.
Date Received: 06/26/2026 11:49 a.m.
Batch Size:
Sample Size: 47.865 grams
Unit Mass: 47.865 grams per Unit
Serving Size: 3.718 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total Cannabinoids: 164.943 mg/unit (Q3)

Total THC: 107.936 mg/unit (N1)

Total CBD: 3.590 mg/unit

Total Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN + Δ^{10}-THC

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877)) + Δ^8-THC + Δ^{10}-THC
Total CBD = CBD + (CBDa (0.877))

SAFETY ANALYSIS - SUMMARY

Microbiology: PASS

Microbiology (Plating): PASS

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: 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. Results marked as 'Pass' or 'Fail' are done so in reference to R9-17: Arizona Administrative Code (A.A.C.) Title 9, Chapter 17.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

PJLA Testing
Accreditation #96186

Approved by: Mackenzie Whitman
Laboratory Director
Date: 07/01/2026

© 2026 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

CANNABINOID TEST RESULTS - 06/29/2026

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** (SOP-CHEM-003)

TOTAL CANNABINOIDS: 164.943 mg/unit (Q3)
Total Cannabinoids Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN + Δ^{10}-THC

TOTAL THC: 107.936 mg/unit (N1)
Total THC (Δ^9-THC+0.877*THCa+Δ^8-THC+Δ^{10}-THC)

TOTAL CBD: 3.590 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CBG: ND (Q3)
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND (Q3)
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND (Q3)
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND (Q3)
Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
Δ^9-THC	*0.013 / 0.066*		2.255	0.2255
CBN	*0.014 / 0.066*		1.116	0.1116
CBD	*0.016 / 0.066*		0.075	0.0075
Δ^8-THC	*0.023 / 0.066*		<LOQ	<LOQ
THCa	*0.024 / 0.066*		ND	ND
THCV	*0.015 / 0.066*		ND	ND
THCVa	*0.018 / 0.066*		ND	ND
CBDa	*0.016 / 0.066*		ND	ND
CBDV	*0.013 / 0.066*		ND	ND
CBDVa	*0.014 / 0.066*		ND	ND
CBG	*0.008 / 0.066*		ND	ND
CBGa	*0.014 / 0.066*		ND	ND
CBL	*0.016 / 0.066*		ND	ND
CBC	*0.015 / 0.066*		ND	ND
CBCa	*0.018 / 0.066*		ND	ND
Δ^{10}-THC	*0.012 / 0.066*		ND	ND
TOTAL CANNABINOIDS (Q3)			3.446 mg/g	0.3446%

UNIT MASS: 47.865 grams per Unit / SERVING SIZE: 3.718 grams per Serving

Δ^9-THC per Unit		107.936 mg/unit
Δ^9-THC per Serving		8.384 mg/serving
Total THC per Unit		107.936 mg/unit
Total THC per Serving		8.384 mg/serving
CBD per Unit		3.590 mg/unit
CBD per Serving		0.279 mg/serving
Total CBD per Unit		3.590 mg/unit
Total CBD per Serving		0.279 mg/serving
Total Cannabinoids per Unit		164.943 mg/unit
Total Cannabinoids per Serving		12.812 mg/serving

MICROBIOLOGY TEST RESULTS - 07/01/2026 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** (SOP-MICRO-017)

COMPOUND	QUALIFIERS	RESULT	RESULT
Salmonella spp.		Not Detected in 1 gram	PASS

MICROBIOLOGY TEST RESULTS - 07/01/2026 PASS

Analysis conducted by 3M™ Petrifilm™. **Method:** (SOP-MICRO-010)

COMPOUND	LOQ (cfu/g)	ACTION LIMIT (cfu/g)	QUALIFIERS	RESULT (cfu/g)	RESULT
Escherichia coli	*10*	*10*		<10	PASS

© 2026 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

Notes and Defnitions

Item	Definition
N1	A description of the variance is described in the final report of testing.
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. Testing result is not accredited under ISO 17025.
Notes	

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. KEEP OUT OF REACH OF CHILDREN. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

© 2026 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

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

SMITHERS

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**

94.3337% Total THC
2.8893% Total CBD
<LOQ CBN
ND CBG
98.3623% Total Cannabinoids (Q3)

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

Ahmed Munshi

Technical Laboratory Director

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

ilac-MRA
PJLA Testing
Accreditation #: 103104

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

SMITHERS

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

PJLA Testing
Accreditation #: 103104

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

SMITHERS

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

Technical Laboratory Director

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

ilac-MRA

PJLA Testing
Accreditation #: 103104

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

SMITHERS

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							

Ahmed Munshi

Technical Laboratory Director

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

ilac-MRA

PJLA Testing
Accreditation #: 103104

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

SMITHERS

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

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

PJLA Testing
Accreditation #: 103104

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

SMITHERS

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	Metalaxyl	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	
Etoxazole	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

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

ilac-MRA

PJLA Testing
Accreditation #: 103104

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

SMITHERS

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

PJLA Testing
Accreditation #: 103104

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

SMITHERS

CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 16935

Notes:

Ahmed Munshi

Technical Laboratory Director

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

PJLA Testing
Accreditation #: 103104

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

KNDLABS

BOTANICAL CANNABINOL(CBN)

Chain of Custody Regulatory Packet

Lot: CBN26-B-002

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

KND Labs
Chain of Custody Documentation

For Lot(s): KND Labs CBN Isolate - Botanical - Powder Form - CBN26-B-002

Table of Contents

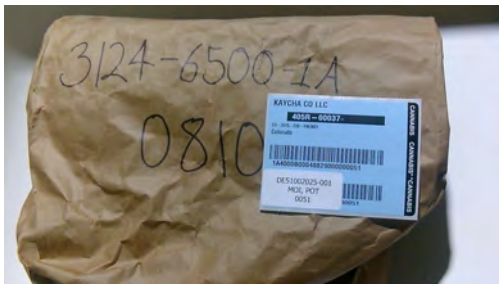
	Page
1. Biomass Source	2 - 3
2. Farming License	4
3. Manufacturing License	5 - 6
4. Production Flow Chart	7 - 9
5. Certificate of Analysis Documents	10 +

879 Federal Blvd
Denver, CO, 80204, US
(303) 427-2379

Kaycha Labs
T1
Matrix: Flower
Classification: Sativa
Type: Hemp Flower

Certificate of Analysis

PASSED



Harvest/Lot ID: 3124-6500-1A
Batch #: USDA
Production Method: Cured
Servings: 1
Metrc Package #: 1A4000B00048829000000051
Metrc Source Package # : NA

Lab ID: DE51002025-001
Ordered: 10/02/25
Sampled Date: 10/02/25
Sample Size: 724.5 gram
Completed: 10/05/25

Mile High Organics, LLC
7830 W Alameda Ave #103157
Denver, CO, 80226, US
milehighorganics.com
License # : 405R-00037

SAFETY RESULTS | **MISC.**

Pesticide	Heavy Metals	Microbial	Mycotoxins	Solvents	Filth/Foreign Material	Water Activity	Moisture Content	Terpenes
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	PASSED	NOT TESTED

Cannabinoid — PASSED

Total THC
0.076%
Dry Weight

Total CBD
2.211%
Dry Weight

Total Cannabinoids
2.755%
Dry Weight

	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBC	THCA
%	ND	ND	ND	ND	0.788	ND	0.046	ND	ND	ND	ND	ND	ND	ND	0.027
mg/g	ND	ND	ND	ND	7.880	ND	0.460	ND	ND	ND	ND	ND	ND	ND	0.270
LOD	0.0015	0.001	0.002	0.0014	0.0014	0.002	0.001	0.001	0.004	0.001	0.002	0.001	0.0021	0.002	0.002
LOQ	0.0046	0.003	0.006	0.0043	0.0042	0.006	0.005	0.005	0.012	0.003	0.008	0.004	0.0065	0.008	0.006
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Qualifier															

Total THC
0.024%
0 / Container

Total CBD
0.691%
0 / Container

Total Cannabinoids
0.861%
0 / Container

As Received

Analyzed by: 3498, 8, 4046
Weight: 0.4975g
Extraction date: 10/03/25 15:18:33
Extracted by: 3200,3726,3460

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE011129POT
Instrument Used : No Name (Shimadzu)
Analyzed Date : 10/05/25 20:07:20
Batch Date : 10/02/25 17:03:04

Dilution : 40
Reagent : 100225.R10; 092525.R10; 092525.R11; 092025.R01; 100225.R09; 082925.01
Consumables : 230822-052-1A; 947.100; 24072098; 04303051; 0000186393; 042725CH01; 1008897304; 61572-107C6-107H
Pipette : 6537603_P1000; POT- 20E74976 25mL Dispensette; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

William Stephens
Lab Director

State License # 405R-00011 405-00008
ISO 17025 Accreditation # 4331.01

Signature
10/05/25
Laboratory License #: 405R-00011

879 Federal Blvd
Denver, CO, 80204, US
(303) 427-2379

Kaycha Labs
T1
Matrix: Flower
Classification: Sativa
Type: Hemp Flower

Certificate of Analysis

Mile High Organics, LLC
7830 W Alameda Ave #103157
Denver, CO, 80226, US
milehighorganics.com
License # : 405R-00037

Sample: DE51002025-001
Batch #: USDA
Harvest/Lot ID: 3124-6500-1A
Seed to sale: 1A4000B00048829000000051

Ordered: 10/02/25
Sampled: 10/02/25
Completed: 10/05/25

PASSED

Moisture Content

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
MOISTURE CONTENT	%	0.01	0.1	100	PASS	68.75	

Analyzed by: 3200, 2, 4046
Weight: 0.611g
Extraction date: 10/03/25 17:27:44
Extracted by: 3200

Analysis Method : N/A
Analytical Batch : DE011130MOI
Instrument Used : MOC63U analyzer
Analyzed Date : 10/04/25 08:35:32
Batch Date : 10/02/25 17:10:09

Dilution : N/A
Reagent : 060123.01; 082925.01
Consumables : 41171-135C4-135AI; 80850086
Pipette : P100- 22G19745

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

William Stephens
Lab Director

State License # 405R-00011 405-00008
ISO 17025 Accreditation # 4331.01

Signature
10/05/25
Laboratory License #: 405R-00011

COLORADO
Department of Agriculture

305 Interlocken Parkway, Broomfield, CO 80021
Ph 303.869.9050 FX 303.466.2860
www.colorado.gov/ag

THIS DOCUMENT IS NOT TRANSFERABLE

Mile High Organics, LLC

23550 Farmer Road

Colorado Springs, Colorado 80928

HEMP REGISTRATION - #08-104451	**Issued**	**Expired**
Pursuant to § 35-61-102, C.R.S., the above-named is authorized to act as:	4/9/2025	4/8/2026

Commercial Hemp Registration

Outdoor Acres	125.00

Kate Greenberg
Commisioner of Agriculture

4/9/2025
Print Date

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

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.

Registration Type: Hemp

Issued by: Colorado Department of Public Health and Environment

COLORADO
Department of Agriculture

Printed On:Tuesday, December 09, 2025

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 # ØØ31X8	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

305 Interlocken Parkway, Broomfield, CO 80021 P 303.869.9000 F 303.466.2867
www.colorado.gov/ag

KND LABS

Naturally Derived CBN Isolate

Production Flowchart (ML)

Scale production of CBN Isolate starts with extraction from Industrial Hemp Biomass performed via ethanol extraction to create a CBD Crude. Heptane isolation produces CBD Isolate and Hemp Mother Liquor (ML).

The following Production Flowchart details how CBN Isolate is naturally produced from Hemp Mother Liquor (ML), through an accelerated natural degradation process of the THC isolate into crystalline CBN, through chromatography, pressure, and heat.

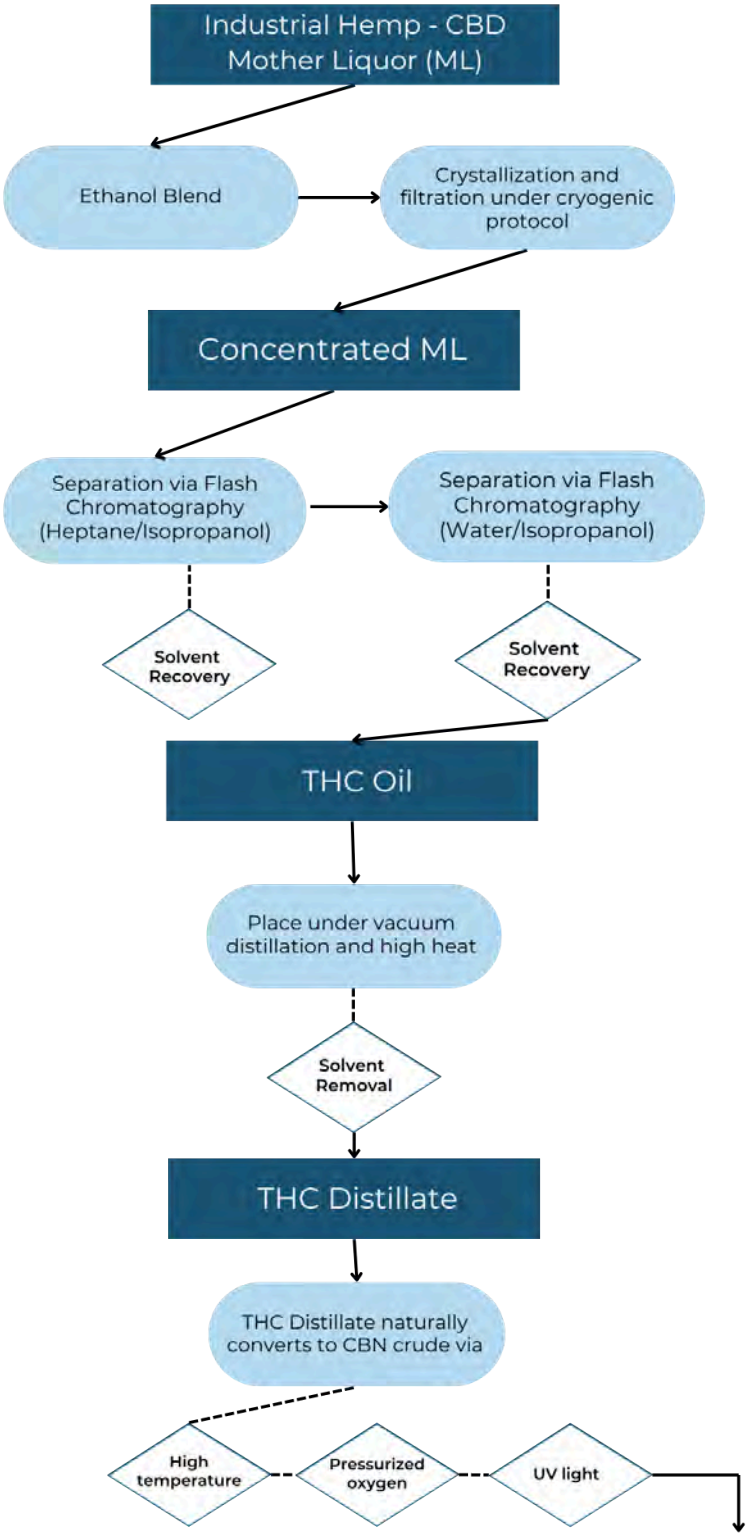
This is a process that has demonstrated that CBN can be isolated on a consistent and pure basis through a natural process on a commercially-scalable basis. This process takes from standard food processing protocols, and is applied to US-grown hemp at our cGMP certified, FDA-registered manufacturing facility.

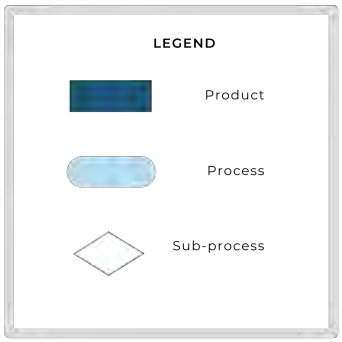
Starting product: Industrial Hemp - CBD Mother Liquor (ML)

CONFIDENTIALITY NOTICE
This information, and any documents, files or previous e-mail messages attached to it may contain information that is confidential or legally privileged. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this and that any disclosure, copying, printing, distribution or use of any of the information contained in or attached to is STRICTLY PROHIBITED. If you have received this information in error, please immediately notify KND Labs by telephone or e-mail and delete the original copy and its attachments without reading or saving in any manner.

KNDLABS

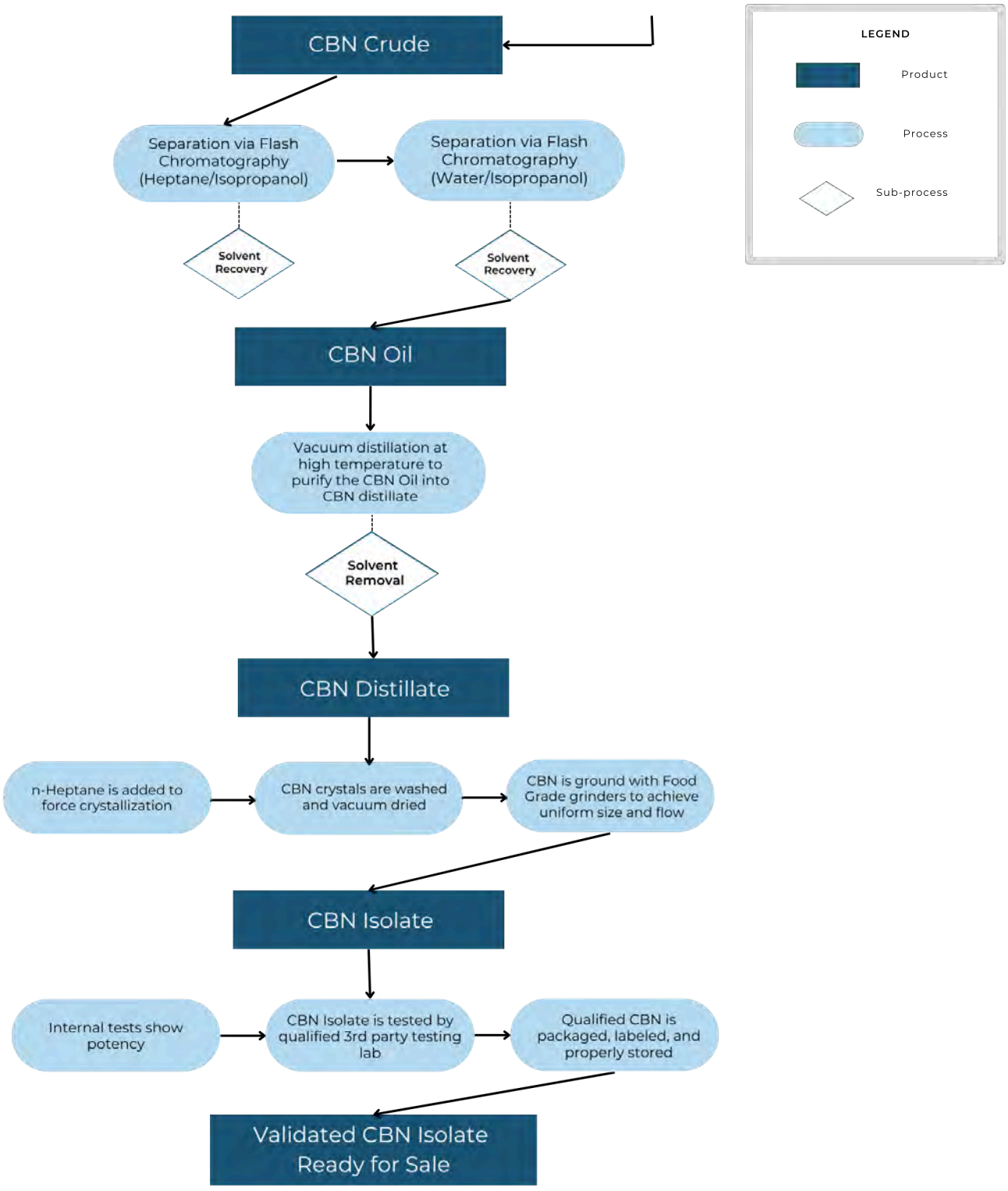
Naturally Derived CBN Isolate - Production Flowchart (ML)





KNDLABS

Naturally Derived CBN Isolate - Production Flowchart (ML)
(continued)



KNDLABS

Certificate of Analysis Documents
KND Labs CBN Isolate Botanical - Powder Form

Product: CBN26-B-002

Contents: **Pages:**

1. Test Results 2 - 3
2. Technical Specifications 4 - 5

Certi. cate of Analysis

Produced: Feb 26, 2026

Sample: CBN Isolate - Botanical - Powder Form (Concentrate) • **Client**: KND Labs • **Batch**: Pass

Batch No.: CBN26-B-002
Matrix: Concentrate
Sample ID: ICC-260224-05-001
Collected on: Feb 24, 2026
Received on: Feb 24, 2026
Sample Size:

Batch Result: Pass

Potency	Tested
Solvents	Pass
Metals	Pass
Pesticides	Pass

Cannabinoid Overview

Total THC:	**0.000 %**
Total CBD:	**0.000 %**
Total Cannabinoids:	**97.5 %**
Sum of Cannabinoids:	**97.5 %**

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency • Feb 26, 2026 14:00:00 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	0.335/1.00	N/A	**CBT**	ND	ND	0.145/0.507	N/A
CBD	ND	ND	0.102/0.507	N/A	**Δ^8-THC**	ND	ND	0.0821/0.507	N/A
CBDA	ND	ND	0.245/0.734	N/A	**Δ^9-THC**	ND	ND	0.135/0.507	N/A
CBDV	ND	ND	0.0812/0.507	N/A	**THCA**	ND	ND	0.186/0.559	N/A
CBG	ND	ND	0.116/0.507	N/A	**THCV**	ND	ND	0.0627/0.507	N/A
CBGA	ND	ND	0.180/0.542	N/A	**Total THC****	ND	ND		N/A
CBL	ND	ND	0.0799/0.507	N/A	**Total CBD****	ND	ND		N/A
CBN	97.5	975	0.116/0.507	N/A	**Total Cannabinoids****	97.5	975		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.

https://lims.tagleaf.com/coa_/B17dojKylj

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Feb 27, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Feb 27, 2026

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Feb 25, 2026 13:10:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.168/0.511	Pass
Acetone	5000	ND	17.2/51.5	Pass
Acetonitrile	410	ND	0.121/0.361	Pass
Benzene	1	ND	0.0211/0.0642	Pass
Butane	5000	ND	0.975/4.87	Pass
Chloroform	1	ND	0.0362/0.108	Pass
Ethanol	5000	ND	2.63/7.88	Pass
Ethyl acetate	5000	< LOQ	0.314/2.30	Pass
Ethylene oxide	1	ND	0.154/0.582	Pass
Ethyl ether	5000	ND	1.19/3.56	Pass
Heptane	5000	116	0.690/2.87	Pass
Hexane	290	ND	0.0663/0.282	Pass
Isopropyl alcohol	5000	ND	1.29/3.86	Pass
Methanol	3000	ND	2.99/8.96	Pass
Methylene chloride	1	ND	0.128/0.732	Pass
Pentane	5000	12.5	0.966/4.29	Pass
Propane	5000	ND	4.45/13.4	Pass
Toluene	890	< LOQ	0.0884/0.868	Pass
Trichloroethylene	1	ND	0.0181/0.146	Pass
o-Xylene		ND	0.101/0.861	N/A
p- and m-Xylene		ND	0.116/1.72	N/A
Total xylenes	2170	ND	0.101/0.862	Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Feb 25, 2026 13:34:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	0.2	ND	0.00300/0.00900	Pass
Cadmium	0.2	ND	0.00100/0.00200	Pass
Lead	0.5	ND	0.00100/0.00400	Pass
Mercury	0.1	ND	0.00500/0.0140	Pass

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Feb 26, 2026 17:50:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	0.7	ND	0.120/0.358	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass
Cyfluthrin	2	ND	0.0186/0.0558	Pass
Cypermethrin	1	ND	0.0602/0.181	Pass
Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Pentachloronitrobenzene	0.1	ND	0.0182/0.0545	Pass

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Feb 26, 2026 13:59:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND	0.0500/0.100	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A
Acephate	0.1	ND	0.00743/0.0300	Pass
Acequinocyl	0.1	ND	0.0150/0.0456	Pass
Acetamiprid	0.1	ND	0.00496/0.0300	Pass
Aldicarb	Any amt	ND	0.00838/0.0300	Pass
Azoxystrobin	0.1	ND	0.00530/0.0300	Pass
Bifenazate	0.1	ND	0.00706/0.0300	Pass
Bifenthrin	3	ND	0.00439/0.0300	Pass
Boscalid	0.1	ND	0.00809/0.0300	Pass
Carbaryl	0.5	ND	0.00604/0.0300	Pass
Carbofuran	Any amt	ND	0.00538/0.0300	Pass
Chlorantraniliprole	10	ND	0.00883/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.0152/0.0460	Pass
Clofentezine	0.1	ND	0.00206/0.0300	Pass
Coumaphos	Any amt	ND	0.00393/0.0300	Pass
Daminozide	Any amt	ND	0.0176/0.0534	Pass
Diazinon	0.1	ND	0.00475/0.0300	Pass
Dichlorvos	Any amt	ND	0.0182/0.0550	Pass
Dimethoate	Any amt	ND	0.00592/0.0300	Pass
Dimethomorph	2	ND	0.00454/0.0300	Pass
Ethoprophos	Any amt	ND	0.00610/0.0300	Pass
Etofenprox	Any amt	ND	0.00437/0.0300	Pass
Etoxazole	0.1	ND	0.00365/0.0300	Pass
Fenhexamid	0.1	ND	0.0113/0.0342	Pass
Fenoxycarb	Any amt	ND	0.00415/0.0300	Pass
Fenpyroximate	0.1	ND	0.00396/0.0300	Pass
Fipronil	Any amt	ND	0.0165/0.0500	Pass
Flonicamid	0.1	ND	0.0115/0.0350	Pass
Fludioxonil	0.1	ND	0.0119/0.0362	Pass
Hexythiazox	0.1	ND	0.00124/0.0300	Pass
Imazalil	Any amt	ND	0.00898/0.0300	Pass
Imidacloprid	5	ND	0.0109/0.0331	Pass
Kresoxim-methyl	0.1	ND	0.00708/0.0300	Pass
Malathion	0.5	ND	0.00313/0.0300	Pass
Metalaxyl	2	ND	0.00467/0.0300	Pass
Methiocarb	Any amt	ND	0.00245/0.0300	Pass
Methomyl	1	ND	0.00879/0.0300	Pass
Mevinphos	Any amt	ND	0.00772/0.0300	Pass
Myclobutanil	0.1	ND	0.00707/0.0300	Pass
Naled	0.1	ND	0.00849/0.0300	Pass
Oxamyl	0.5	ND	0.00746/0.0300	Pass
Paclobutrazol	Any amt	ND	0.00851/0.0300	Pass
Permethrin	0.5	ND	0.00190/0.0300	Pass
Permethrin cis		ND	0.0200/0.0300	N/A
Permethrin trans		ND	0.0200/0.0300	N/A
Phosmet	0.1	ND	0.00511/0.0300	Pass
Piperonylbutoxide	3	ND	0.00267/0.0300	Pass
Prallethrin	0.1	ND	0.0235/0.0711	Pass
Propiconazole	0.1	ND	0.00909/0.0300	Pass
Propoxur	Any amt	ND	0.00780/0.0300	Pass
Pyrethrins	0.5	ND	0.00278/0.0300	Pass
Pyrethrins Cinerin I		ND		N/A
Pyrethrins Cinerin II		ND		N/A
Pyrethrins Jasmolin I		ND		N/A
Pyrethrins Jasmolin II		ND		N/A
Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Pyridaben	0.1	ND	0.00231/0.0300	Pass
Spinetoram	0.1	ND	0.00119/0.0300	Pass
Spinetoram J		ND	0.00500/0.0100	N/A
Spinetoram L		ND	0.00500/0.0100	N/A
Spinosad	0.1	ND	0.000830/0.0300	Pass
Spinosad A		ND	0.00500/0.0100	N/A
Spinosad D		ND	0.00500/0.0100	N/A
Spiromesifen	0.1	ND	0.00894/0.0300	Pass
Spirotetramat	0.1	ND	0.00808/0.0300	Pass
Spiroxamine	Any amt	ND	0.00555/0.0300	Pass
Tebuconazole	0.1	ND	0.00605/0.0300	Pass
Thiacloprid	Any amt	ND	0.00506/0.0300	Pass
Thiamethoxam	5	ND	0.00760/0.0300	Pass
Trifloxystrobin	0.1	ND	0.00293/0.0300	Pass

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Feb 27, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Feb 27, 2026

KND LABS

Information in this Document is
Considered Confidential and Proprietary
CBN-I-B ver. 1.1
Effective 3/8/2024

Technical Specifications

Product Name: BOTANICAL CANNABINOL ISOLATE

≥ 96% CBN | ≤ 0.2% THC

The Industry Leader in Certifications & Compliance

EFFCI eGMP CERTIFIED — EFFCI eGMP FOR COSMETIC INGREDIENTS
GOOD MANUFACTURING GMP CERTIFIED PRACTICE — 21 CFR PART 117 HUMAN FOOD
GOOD MANUFACTURING GMP CERTIFIED PRACTICE — 21 CFR PART 111 DIETARY SUPPLEMENTS
ISO 9001:2015 CERTIFIED
KOSHER CERTIFIED
USA MADE
PREFERRED SUPPLIER NASC NATIONAL ANIMAL SUPPLEMENT COUNCIL
EIHA — EUROPEAN INDUSTRIAL HEMP ASSOCIATION MEMBER
HEMP INDUSTRIES ASSOCIATION

1. Product Data

DESCRIPTION
KND Botanical Cannabinol (CBN) Isolate goes through a primary extraction from industrial hemp using approved hydrocarbon solvents. It is then separated and 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
Hemp grown in the USA

INCOMPATIBILITIES
No known incompatibilities

STANDARD PACKAGING
HDPE Food Grade Plastic - Bucket, Canister, Jerrican, F-Style Jug, Drum; Aluminum Screw-top Bottle, Glass 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 (Δ9 THC) which is known to the State of California to cause birth defects or other reproductive harm. KND Labs tests for Δ9 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, may have yellow or pink tint; light yellow oil; pink crystalline solid

CONSISTENCY
Fine-coarse powdered crystal; Crystallized oil - requires heat to homogenize prior to mixing

FLAVOR
No significant flavor

COMPOSITION
100% Hemp extract by weight

ODOR
No significant odor

PLANT PARTS USED IN OIL
Stalk, stem, flower

SOLUBILITY
Oil

Technical Specifications

Product Name: BOTANICAL CANNABINOL ISOLATE

≥ 96% CBN | ≤ 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 dba Kaycha Las Vegas
- Infinite Chemical Analysis

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.

CANNABINOID CONTENT	%	METHOD(S)
CBN	≥ 96	HPLC applications LCMS LCUV
THC	≤ 0.2	
CBD	Reportable	
CBG	Reportable	

CANNABINOL INFORMATION	
INCI Name	Cannabinol
CAS-No	521-35-7
Molecular Weight (g/mol)	310.4
Chemical Formula	$C_{21}H_{26}O_2$

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

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.

HACCP Plan

Industrial hemp extracts and blends.

KND Labs

5801 West 6th Avenue, Unit A

Lakewood, CO 80214

4-22-2025

Table of Contents

HACCP Introduction 2
KND Labs Product Information 2-7
Co-Manufacturing Product Information 7-8
HACCP Team 9
Hazard Analysis Worksheet 9-15
CCP Determination 15
Critical Control Point Summary 16
Risk Analysis 16
Document History 17

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: Tetrahydrocannabivarin

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	✕	☑ 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		Likelihood	Severity	Significance	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°C Pentane > 36°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 ≥ 135°C (275°F)	QC

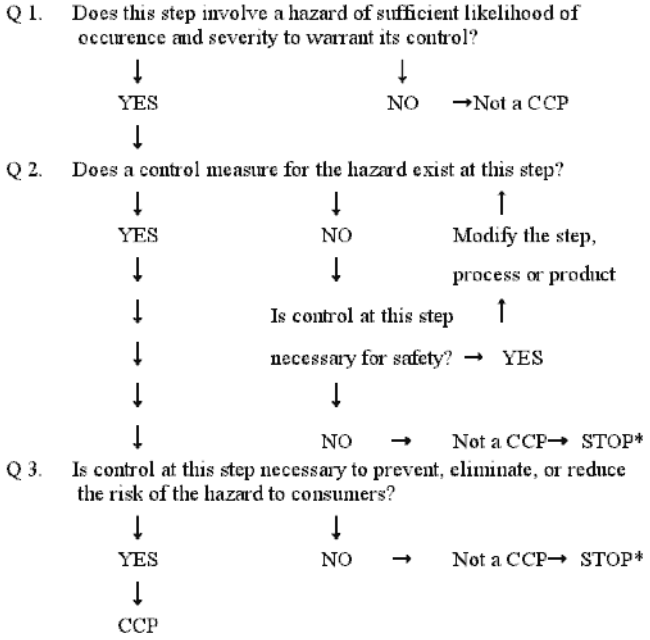
	C	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
	P	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	No	No
Distillation	B	No	No	No	No	Hazards not reasonably likely to occur due to lack of plant history with hazards.	Temperatures to evaporate cannabinoids ≥160°C (320°F)	No
	C	THC	3	3	13	THC levels are concentrated and can become ≥0.3%	Saleable raw distillate ≤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 ≥ 70°C Pentane BP > 36°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 Contaminatio n	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** *No Injury*	**2** **Minor** *Medical Attention*	**3** **Moderate** *Increased Medical Attention*	**4** **Major** *Severe Health Crisis*	**5** **Extreme** *Severe Injury or Death*
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.

KNDLABS

GOOD MANUFACTURING GMP CERTIFIED PRACTICE
21 CFR PART 111
DIETARY SUPPLEMENTS

GOOD MANUFACTURING GMP CERTIFIED PRACTICE
21 CFR PART 117
HUMAN FOOD

GOOD MANUFACTURING GMP CERTIFIED PRACTICE
EFFCI eGMP FOR
COSMETIC INGREDIENTS

ISO 9001:2015 CERTIFIED

K KOSHER CERTIFIED

PREFERRED SUPPLIER
nasc
NATIONAL ANIMAL SUPPLEMENT COUNCIL

NSF

Contact

KND Labs LLC
1-833-523-4223
sales@kndlabs.com
kndlabs.com