

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
DEA# PA0202945

CUSTOMER:

Dispensary Japan Inc.,
1-1-13 Kuwamizuhonmachi
Kumamoto City, Kumamoto, JPN 8620955



SAMPLE INFORMATION

Sample No.: 1367182
Product Name: H4CBH
Product Type: Oil (Oil)
Lot #: Batch: H4CBH 2026FP

Date Collected: 12/12/2025
Date Received: 12/11/2025
Date Reported: 02/09/2026

TEST SUMMARY

Cannabinoid Profile: ✔ Pass
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass

Microbiological Screen: ✔ Pass
Residual Solvent Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Cannabinoid Profile ✔ Pass

12/18/2025

Method: MF-CHEM-15

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

Cannabinoid	LOD (ppm)	LOQ (ppm)	mg/g	ppm	%	Limit (ppm)	Status
Δ8 THC*	0.167	0.500	ND	ND	ND	-	-
Δ8 THCV*	0.167	0.500	ND	ND	ND	-	-
Δ9 THC	0.167	0.500	ND	ND	ND	-	-
THCA	0.167	0.500	ND	ND	ND	-	-
THCV*	0.167	0.500	ND	ND	ND	-	-
THCVA*	0.167	0.500	ND	ND	ND	-	-
CBD	333.300	1000.000	ND	ND	ND	-	-
CBDA	333.300	1000.000	ND	ND	ND	-	-
CBC	333.300	1000.000	ND	ND	ND	-	-
CBCA	333.300	1000.000	ND	ND	ND	-	-
CBDD	333.300	1000.000	ND	ND	ND	-	-
CBDM	333.300	1000.000	ND	ND	ND	-	-
CBDV	333.300	1000.000	ND	ND	ND	-	-
CBDVA	333.300	1000.000	ND	ND	ND	-	-
CBG	333.300	1000.000	ND	ND	ND	-	-
CBGA	333.300	1000.000	ND	ND	ND	-	-
CBN	333.300	1000.000	ND	ND	ND	-	-
CBL	333.300	1000.000	ND	ND	ND	-	-
CBT	333.300	1000.000	ND	ND	ND	-	-
Δ8 THC Acetate*	0.167	0.500	ND	ND	ND	-	-
Δ9 THC Acetate*	0.167	0.500	ND	ND	ND	-	-
9(R)-HHC*	0.167	0.500	ND	ND	ND	-	-
9(S)-HHC*	0.167	0.500	ND	ND	ND	-	-
9(R)-HHC Acetate* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHC Acetate* **	0.167	0.500	ND	ND	ND	-	-
9(R)-HHCH* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHCH* **	0.167	0.500	ND	ND	ND	-	-
9(R)-HHCP* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHCP* **	0.167	0.500	ND	ND	ND	-	-
1(R)-THD	333.300	1000.000	ND	ND	ND	-	-
1(S)-THD	333.300	1000.000	ND	ND	ND	-	-
Δ9-THCB* **	0.167	0.500	ND	ND	ND	-	-
Δ9-THCH* **	0.167	0.500	ND	ND	ND	-	-
Δ8-THCP* **	0.167	0.500	ND	ND	ND	-	-
Δ9-THCP* **	0.167	0.500	ND	ND	ND	-	-
Total THC	-	-	ND	ND	ND	10	Pass
Total CBD	-	-	ND	ND	ND	-	-
Total Active Cannabinoids	-	-	ND	ND	ND	-	-
Total Cannabinoids	-	-	ND	ND	ND	-	-

Total THC = Δ9-THC + (0.877 * THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

*Banned substances according to MHLW. Any detection is considered illegal.

**Certified reference materials not available. Standard reference materials used for quantitative analysis.

Microbiological Screen ✔ Pass

12/15/2025

Method: FDA BAM - ECC Agar

Analyte	Findings	Units	Limit	Status
Coliforms	<10	cfu/g	Not Detected	Pass
E. coli	<10	cfu/g	Not Detected	Pass

Pesticide Residue Screen ✔ Pass

12/16/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.1	Pass
Acephate	0.02/0.06	ND	0.1	Pass
Acequinocyl	0.04/0.10	ND	0.1	Pass
Acetamiprid	0.017/0.05	ND	0.1	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	0.1	Pass
Bifenazate	0.02/0.06	ND	0.1	Pass
Bifenthrin	0.04/0.10	ND	3.0	Pass
Boscalid	0.02/0.06	ND	0.1	Pass
Captan	0.2/0.6	ND	0.7	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	10.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.1	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	2.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.1	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	ND	2.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	0.1	Pass
Fenhexamid	0.017/0.05	ND	0.1	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	0.1	Pass
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	0.1	Pass
Fludioxonil	0.02/0.06	ND	0.1	Pass
Hexythiazox	0.02/0.06	ND	0.1	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	5.0	Pass
Kresoxim Methyl	0.02/0.06	ND	0.1	Pass
Malathion	0.017/0.05	ND	0.5	Pass
Metalaxyl	0.017/0.05	ND	2.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	ND	1.0	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	0.1	Pass
Naled	0.017/0.05	ND	0.1	Pass
Oxamyl	0.013/0.04	ND	0.5	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.1	Pass
Permethrins	0.10/0.30	ND	0.5	Pass
Phosmet	0.02/0.06	ND	0.1	Pass
Piperonyl Butoxide	0.02/0.06	ND	3.0	Pass
Prallethrin	0.04/0.10	ND	0.1	Pass
Propiconazole	0.02/0.06	ND	0.1	Pass
Propoxur	0.013/0.04	ND	0.013	Pass

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Pyrethrins	0.15/0.50	ND	0.5	Pass
Pyridaben	0.017/0.05	ND	0.1	Pass
Spinetoram	0.02/0.06	ND	0.1	Pass
Spinosad	0.02/0.06	ND	0.1	Pass
Spiromesifen	0.04/0.10	ND	0.1	Pass
Spirotetramat	0.02/0.06	ND	0.1	Pass
Spiroxamine	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	0.1	Pass
Thiacloprid	0.013/0.04	ND	0.013	Pass
Thiamethoxam	0.02/0.06	ND	5.0	Pass
Trifloxystrobin	0.02/0.06	ND	0.1	Pass

Residual Solvent Screen ✓ Pass

12/15/2025

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	<LOQ	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen ✓ Pass

12/15/2025

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Measurement of Uncertainty Average: ±4.4%

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit	Status
Arsenic	0.033/0.101	ND	0.2	Pass
Cadmium	0.047/0.141	ND	0.2	Pass
Mercury	0.014/0.05	ND	0.1	Pass
Lead	0.107/0.324	ND	0.5	Pass

Mycotoxin Screen ✓ Pass

12/16/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Zachary Eisenberg
President



Scan to verify

CRDP

Sample ID: SA-251214-74174
 Batch: CRDP-PPM-016
 Type: Raw Material
 Matrix: Concentrate - Distillate
 Unit Mass (g):

Received: 12/16/2025
 Completed: 01/16/2026

Client
 Hempbin


Summary

Test
 Cannabinoids

Date Tested
 01/16/2026

Status
 Tested

ND	26.2 %	36.3 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBG	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization



Generated By: Ryan Bellone
 Commercial Director
 Date: 01/16/2026



CRDP

Sample ID: SA-251214-74174
Batch: CRDP-PPM-016
Type: Raw Material
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 12/16/2025
Completed: 01/16/2026

Client
Hempbin

Cannabinoids by HPLC-PDA, GC-MS/MS, and LC-MS/MS

Generated By: Ryan Bellone
Commercial Director
Date: 01/16/2026



Total As: This substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported hereon. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

CRDP

Sample ID: SA-251214-74174
Batch: CRDP-PPM-016
Type: Raw Material
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 12/16/2025
Completed: 01/16/2026

Client
Hempbin

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total $\Delta 9$ -THC = $\Delta 9$ -THCA * 0.877 + $\Delta 9$ -THC; Total CBD = CBDA * 0.877 + CBD;



Generated By: Ryan Bellone
Commercial Director
Date: 01/16/2026



Tested By: Nicholas Howard
Scientist
Date: 01/16/2026



ISO/IEC 17025:2017 Accredited
Accreditation #108651



ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:

Hempbin
8-17-3 Funakoshi, Yokosuka
Kanagawa, 237-0076
Japan



SAMPLE INFORMATION

Sample No.: 1368585
Product Name: CRDP
Product Type: Oil (Cartridge)
Lot #: CRDP-PPM-016

Date Collected: 12/15/2025
Date Received: 12/17/2025
Date Reported: 12/20/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Pass

Cannabinoid Profile ✔ Pass

12/20/2025

Method: MF-CHEM-15

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

Cannabinoid	LOD (ppm)	LOQ (ppm)	mg/g	ppm	%	Limit (ppm)	Status
Δ8 THC*	0.167	0.500	ND	ND	ND	-	-
Δ8 THCV*	0.167	0.500	ND	ND	ND	-	-
Δ9 THC	0.167	0.500	ND	ND	ND	-	-
THCA	0.167	0.500	ND	ND	ND	-	-
THCV*	0.167	0.500	ND	ND	ND	-	-
THCVA*	0.167	0.500	ND	ND	ND	-	-
CBD	333.300	1000.000	111.03652	111037.0	11.104	-	-
CBDa	333.300	1000.000	ND	ND	ND	-	-
CBC	333.300	1000.000	ND	ND	ND	-	-
CBCA	333.300	1000.000	ND	ND	ND	-	-
CBDD	333.300	1000.000	ND	ND	ND	-	-
CBDm	333.300	1000.000	ND	ND	ND	-	-
CBDV	333.300	1000.000	ND	ND	ND	-	-
CBDVA	333.300	1000.000	ND	ND	ND	-	-
CBG	333.300	1000.000	290.76405	290764.0	29.076	-	-
CBGA	333.300	1000.000	ND	ND	ND	-	-
CBN	333.300	1000.000	ND	ND	ND	-	-
CBL	333.300	1000.000	ND	ND	ND	-	-
CBT	333.300	1000.000	ND	ND	ND	-	-
Δ8 THC Acetate*	0.167	0.500	ND	ND	ND	-	-
Δ9 THC Acetate*	0.167	0.500	ND	ND	ND	-	-
9(R)-HHC*	0.167	0.500	ND	ND	ND	-	-
9(S)-HHC*	0.167	0.500	ND	ND	ND	-	-
9(R)-HHC Acetate* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHC Acetate* **	0.167	0.500	ND	ND	ND	-	-
9(R)-HHCH* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHCH* **	0.167	0.500	ND	ND	ND	-	-
9(R)-HHCP* **	0.167	0.500	ND	ND	ND	-	-
9(S)-HHCP* **	0.167	0.500	ND	ND	ND	-	-
1(R)-THD	333.300	1000.000	ND	ND	ND	-	-
1(S)-THD	333.300	1000.000	ND	ND	ND	-	-
Δ9-THCB* **	0.167	0.500	ND	ND	ND	-	-
Δ9-THCH* **	0.167	0.500	ND	ND	ND	-	-
Δ8-THCP* **	0.167	0.500	ND	ND	ND	-	-
Δ9-THCP* **	0.167	0.500	ND	ND	ND	-	-

Cannabinoid	LOD (ppm)	LOQ (ppm)	mg/g	ppm	%	Limit (ppm)	Status
Total THC	-	-	ND	ND	ND	10	Pass
Total CBD	-	-	111.037	111037.0	11.104	-	-
Total Active Cannabinoids	-	-	401.801	401801.0	40.180	-	-
Total Cannabinoids	-	-	401.801	401801.0	40.180	-	-

Total THC = $\Delta 9$ -THC + (0.877 * THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

*Banned substances according to MHLW. Any detection is considered illegal.

**Certified reference materials not available. Standard reference materials used for quantitative analysis.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Eric Tam
Cannabis Analysis Director



Scan to verify

May 16, 2025

DISPENSARY JAPAN INC.

1-1-1302 Kuwamizuhonmachi chuo-ku
 Kumamoto-city Kumamoto Japan 862-0955

Order No. 571581
 Sample No. 1302878

SAMPLE INFORMATION

Description H4CBD
Lot Number ZH20250211-H4CBD-001
Category (Type) Inhalable Concentrate (Distillate)
Product Type Oil
Received May 12, 2025

ANALYTICAL RESULTS

Analysis Cannabinoid Profile Extended Analytes (MHLW Limits) ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF-CHEM-15
Analysis Date May 12, 2025 to May 16, 2025

Cannabinoid	LOD (ppm)	LOQ (ppm)	mg/g	ppm	%	Limit (ppm)	Status
88 THC*	1.667	5.000	ND	ND	ND	-	-
88 THCV*	1.667	5.000	ND	ND	ND	-	-
89 THC	1.667	5.000	ND	ND	ND	-	-
THCA	1.667	5.000	ND	ND	ND	-	-
THCV*	1.667	5.000	ND	ND	ND	-	-
THCVA*	1.667	5.000	ND	ND	ND	-	-
CBD	333.300	1000.000	ND	ND	ND	-	-
CBDA	333.300	1000.000	ND	ND	ND	-	-
CBC	333.300	1000.000	ND	ND	ND	-	-
CBCA	333.300	1000.000	ND	ND	ND	-	-
CBDD	333.300	1000.000	ND	ND	ND	-	-
CBDM	333.300	1000.000	ND	ND	ND	-	-
CBDV	333.300	1000.000	ND	ND	ND	-	-
CBDVA	333.300	1000.000	ND	ND	ND	-	-
CBG	333.300	1000.000	ND	ND	ND	-	-
CBGA	333.300	1000.000	ND	ND	ND	-	-
CBN	333.300	1000.000	ND	ND	ND	-	-
CBL	333.300	1000.000	ND	ND	ND	-	-
CBT	333.300	1000.000	ND	ND	ND	-	-
88 THC Acetate*	1.667	5.000	ND	ND	ND	-	-
89 THC Acetate*	1.667	5.000	ND	ND	ND	-	-
9(R)-HHC*	1.667	5.000	ND	ND	ND	-	-
9(S)-HHC*	1.667	5.000	ND	ND	ND	-	-
9(R)-HHC Acetate* **	1.667	5.000	ND	ND	ND	-	-
9(S)-HHC Acetate* **	1.667	5.000	ND	ND	ND	-	-
9(R)-HHCH* **	1.667	5.000	ND	ND	ND	-	-
9(S)-HHCH* **	1.667	5.000	ND	ND	ND	-	-
9(R)-HHCP* **	1.667	5.000	ND	ND	ND	-	-
9(S)-HHCP* **	1.667	5.000	ND	ND	ND	-	-
1(R)-THD	333.300	1000.000	716.14673	716147.0	71.614700	-	-
1(S)-THD	333.300	1000.000	223.33226	223332.0	22.333200	-	-
89-THCB* **	1.667	5.000	ND	ND	ND	-	-
89-THCH* **	1.667	5.000	ND	ND	ND	-	-
88-THCP* **	1.667	5.000	ND	ND	ND	-	-
89-THCP* **	1.667	5.000	ND	ND	ND	-	-
Total THC	-	-	ND	ND	ND	10	Pass
Total CBD	-	-	ND	ND	ND	-	-
Total Active Cannabinoids	-	-	939.479	939479.0	93.947900	-	-
Total Cannabinoids	-	-	939.479	939479.0	93.947900	-	-

If there are any questions with this report, please contact "compliance@anresco.com".

*Banned substances according to MHLW. Any detection is considered illegal.

**Certified reference materials not available. Standard reference materials used for quantitative analysis.

Reported by

Anresco, Inc.


Eric Tam
Cannabis Analysis Director



NT = Not Tested

ND = None Detected

LOD = Limit of Detection

LOQ = Limit of Quantitation

Total THC = Δ^9 -THC + (0.877 * THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

May 16, 2025

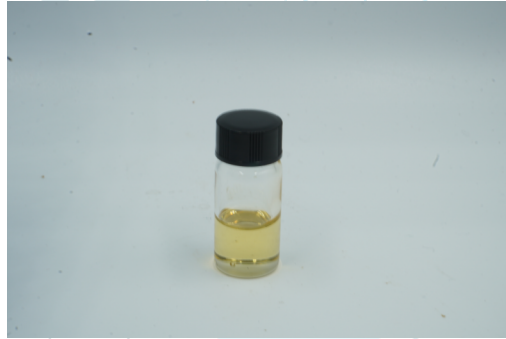
If there are any questions with this report, please contact "compliance@anresco.com".

CBG Crystal Resistant Distillate (CBG CRD)

Sample ID: SA-251105-72207
 Batch: CBGCRDJP-001
 Type: Raw Material
 Matrix: JP - Oils & Fats
 Unit Mass (g):

Received: 10/29/2025
 Completed: 10/31/2025

Client
 Hempbin



Summary

Test
 Cannabinoids

Date Tested
 10/31/2025

Status
 Tested

ND	39.4 %	51.4 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBG	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA and LC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	12.0	120
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	39.4	394
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0001	0.0003	ND	ND
Δ9-THCA	0.00003	0.0001	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total			51.4	514

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



Generated By: Ryan Bellone
 Commercial Director
 Date: 11/05/2025



Tested By: Nicholas Howard
 Scientist
 Date: 10/31/2025



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

Red Mesa Science and Refining
4443 E Commerce Drive
St George, UT 84790



SAMPLE INFORMATION

Sample No.: 1320049
Product Name: CBD Isolate Powder
Product Type: Powder (Isolate)
Lot #: R250630MS02M546

Date Collected: 07/09/2025
Date Received: 07/10/2025
Date Reported: 08/06/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Pass
Residual Solvent Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass

Cannabinoid Profile ✔ Pass

08/06/2025

Method: MF-CHEM-15

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

Cannabinoid	LOD (ppm)	LOQ (ppm)	mg/g	ppm	%	Limit (ppm)	Status
Δ8 THC*	0.167	0.500	ND	ND	ND	-	-
Δ9 THC	0.167	0.500	ND	ND	ND	-	-
THCA	0.167	0.500	ND	ND	ND	-	-
THCV*	0.167	0.500	ND	ND	ND	-	-
THCVA*	0.167	0.500	ND	ND	ND	-	-
CBD	333.300	1000.000	979.1833	979183.0	97.918300	-	-
CBDA	333.300	1000.000	ND	ND	ND	-	-
CBC	333.300	1000.000	ND	ND	ND	-	-
CBCA	333.300	1000.000	ND	ND	ND	-	-
CBDV	333.300	1000.000	1.09487	1094.87	0.109487	-	-
CBG	333.300	1000.000	ND	ND	ND	-	-
CBGA	333.300	1000.000	ND	ND	ND	-	-
CBN	333.300	1000.000	ND	ND	ND	-	-
Total THC	-	-	ND	ND	ND	10	Pass
Total CBD	-	-	979.183	979183.0	97.918300	-	-
Total Active Cannabinoids	-	-	980.278	980278.0	98.027800	-	-
Total Cannabinoids	-	-	980.278	980278.0	98.027800	-	-

Total THC = Δ9-THC + (0.877 * THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

*Banned substances according to MHLW. Any detection is considered illegal.

Pesticide Residue Screen ✔ Pass

07/14/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (μg/g)	Findings (μg/g)	Limit (μg/g)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.017/0.05	ND	5.0	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	40.0	Pass
Bifenazate	0.02/0.06	ND	5.0	Pass
Bifenthrin	0.04/0.10	ND	0.5	Pass
Boscalid	0.02/0.06	ND	10.0	Pass
Captan	0.2/0.6	ND	5.0	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	ND	0.02	Pass

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.5	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	ND	20.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenhexamid	0.017/0.05	ND	10.0	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	2.0	Pass
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	2.0	Pass
Fludioxonil	0.02/0.06	ND	30.0	Pass
Hexythiazox	0.02/0.06	ND	2.0	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Kresoxim Methyl	0.02/0.06	ND	1.0	Pass
Malathion	0.017/0.05	ND	5.0	Pass
Metalaxyl	0.017/0.05	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	ND	0.1	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Naled	0.017/0.05	ND	0.5	Pass
Oxamyl	0.013/0.04	ND	0.2	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.013	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.017/0.05	ND	3.0	Pass
Spinetoram	0.02/0.06	ND	3.0	Pass
Spinosad	0.02/0.06	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.02/0.06	ND	13.0	Pass
Spiroxamine	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.013	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Residual Solvent Screen ✔ Pass

07/14/2025

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	ND	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	<LOQ	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen ✔ Pass

07/14/2025

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.003/0.05	ND	1.5	Pass
Cadmium	0.008/0.05	ND	0.5	Pass
Mercury	0.002/0.05	ND	3	Pass
Lead	0.01/0.125	ND	0.5	Pass

Mycotoxin Screen ✔ Pass

07/14/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

ND = None Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantitation

Reported by



Eric Tam
 Cannabis Analysis Director



Scan to verify