

Certificate of Analysis

Produced: May 06, 2026

Sample: Crystal Resistant CBD Distillate - High Minors (Distillate) • Client: Pharmabinoid • Batch: Pass



Batch No.: R260427MS101
Matrix: Distillate
Sample ID: ICC-260501-15-001
Collected on: May 01, 2026
Received on: May 01, 2026
Sample Size: 20 g

Batch Result: Pass

Potency	Tested
Solvents	Pass
Metals	Pass
Mycotoxins	Pass
Pesticides	Pass

Cannabinoid Overview

Total THC:	0.146 %
Total CBD:	52.1 %
Total Cannabinoids:	80.3 %
Sum of Cannabinoids:	80.3 %

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency • May 04, 2026 10:18:00 PDT

Analyte	Amt (%)	Uncertainty	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (%)	Uncertainty	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	6.06	± 0.0764 %	60.6	0.269/0.806	N/A	CBT	6.18	± 0.0575 %	61.8	0.116/0.407	N/A
CBD	52.1	± 0.516 %	521	0.0821/0.407	N/A	Δ ⁸ -THC	0.0832	± 0.000677 %	0.832	0.0658/0.407	N/A
CBDA	ND	N/A	ND	0.196/0.589	N/A	Δ ⁹ -THC	0.0624	± 0.000651 %	0.624	0.109/0.407	N/A
CBDV	0.359	± 0.00326 %	3.59	0.0651/0.407	N/A	THCA	ND	N/A	ND	0.149/0.448	N/A
CBG	11.3	± 0.118 %	113	0.0927/0.407	N/A	THCV	ND	N/A	ND	0.0503/0.407	N/A
CBGA	ND	N/A	ND	0.145/0.435	N/A	Total THC**	0.146	± 0.00133 %	1.46		N/A
CBL	0.685	± 0.00949 %	6.85	0.0641/0.407	N/A	Total CBD**	52.1	± 0.516 %	521		N/A
CBN	3.51	± 0.0249 %	35.1	0.0927/0.407	N/A	Total Cannabinoids*	80.3		803		N/A

* Beyond scope of accreditation
** 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.



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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • May 04, 2026 14:11:00 PDT

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	N/A	0.167/0.509	Pass	Hexane	290.811	49.6	± 0.811 µg/g	0.0660/0.281	Pass
Acetone	5001.21	78.7	± 1.21 µg/g	17.1/51.2	Pass	Isopropyl alcohol	5027.1	1690	± 27.1 µg/g	1.28/3.84	Pass
Acetonitrile	410	ND	N/A	0.120/0.359	Pass	Methanol	3002.22	153	± 2.22 µg/g	2.97/8.92	Pass
Benzene	1	ND	N/A	0.0210/0.0639	Pass	Methylene chloride	1	ND	N/A	0.127/0.729	Pass
Butane	5000	ND	N/A	0.971/4.85	Pass	Pentane	5000	ND	N/A	0.962/4.27	Pass
Chloroform	1	ND	N/A	0.0360/0.108	Pass	Propane	5000	ND	N/A	4.43/13.3	Pass
Ethanol	5000.147	9.88	± 0.147 µg/g	2.61/7.84	Pass	Toluene	890.0143	0.901	± 0.0143 µg/g	0.0880/0.864	Pass
Ethyl acetate	5000	ND	N/A	0.313/2.29	Pass	Trichloroethylene	1	ND	N/A	0.0180/0.145	Pass
Ethylene oxide	1	ND	N/A	0.153/0.579	Pass	o-Xylene		ND	N/A	0.101/0.857	N/A
Ethyl ether	5000	ND	N/A	1.18/3.55	Pass	p- and m-Xylene		< LOQ	N/A	0.115/1.71	N/A
Heptane	5000.319	19.3	± 0.319 µg/g	0.687/2.86	Pass	Total xylenes	2170	< LOQ		0.0168/0.143	Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • May 01, 2026 16:13:00 PDT

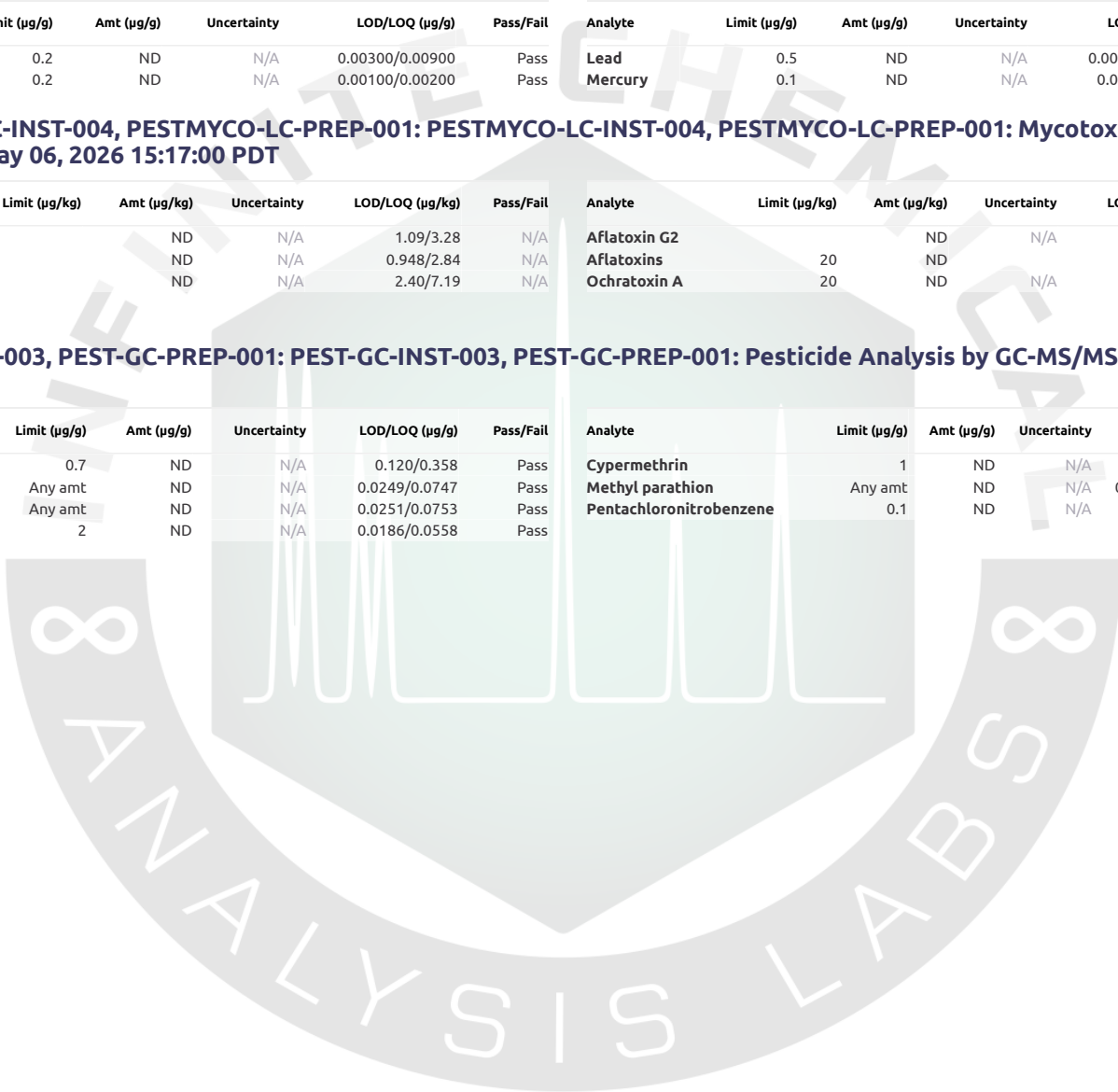
Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	0.2	ND	N/A	0.00300/0.00900	Pass	Lead	0.5	ND	N/A	0.00100/0.00400	Pass
Cadmium	0.2	ND	N/A	0.00100/0.00200	Pass	Mercury	0.1	ND	N/A	0.00500/0.0140	Pass

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • May 06, 2026 15:17:00 PDT

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	N/A	1.09/3.28	N/A	Aflatoxin G2		ND	N/A	0.742/2.23	N/A
Aflatoxin B2		ND	N/A	0.948/2.84	N/A	Aflatoxins	20	ND			Pass
Aflatoxin G1		ND	N/A	2.40/7.19	N/A	Ochratoxin A	20	ND	N/A	4.41/13.4	Pass

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • May 05, 2026 15:35:00 PDT

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



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Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND		0.0500/0.100	Pass	Methiocarb	Any amt	ND	N/A	0.00245/0.0300	Pass
Abamectin Ba		ND	N/A	0.0330/0.0990	N/A	Methomyl	1	ND	N/A	0.00879/0.0300	Pass
Acephate	0.1	ND	N/A	0.00743/0.0300	Pass	Mevinphos	Any amt	ND	N/A	0.00772/0.0300	Pass
Acequinocyl	0.1	ND	N/A	0.0150/0.0456	Pass	Myclobutanil	0.1	ND	N/A	0.00707/0.0300	Pass
Acetamiprid	0.1	ND	N/A	0.00496/0.0300	Pass	Naled	0.1	ND	N/A	0.00849/0.0300	Pass
Aldicarb	Any amt	ND	N/A	0.00838/0.0300	Pass	Oxamyl	0.5	ND	N/A	0.00746/0.0300	Pass
Azoxystrobin	0.1	ND	N/A	0.00530/0.0300	Pass	Paclobutrazol	Any amt	ND	N/A	0.00851/0.0300	Pass
Bifenazate	0.1	ND	N/A	0.00706/0.0300	Pass	Permethrin	0.5	ND		0.00190/0.0300	Pass
Bifenthrin	3.00344	0.152	± 0.00344 µg/g	0.00439/0.0300	Pass	Permethrin cis		ND	N/A	0.0200/0.0300	N/A
Boscalid	0.1	ND	N/A	0.00809/0.0300	Pass	Permethrin trans		ND	N/A	0.0200/0.0300	N/A
Carbaryl	0.5	ND	N/A	0.00604/0.0300	Pass	Phosmet	0.1	ND	N/A	0.00511/0.0300	Pass
Carbofuran	Any amt	ND	N/A	0.00538/0.0300	Pass	Piperonylbutoxide	3	ND	N/A	0.00267/0.0300	Pass
Chlorantraniliprole	10	ND	N/A	0.00883/0.0300	Pass	Prallethrin	0.1	ND	N/A	0.0235/0.0711	Pass
Chlorpyrifos	Any amt	ND	N/A	0.0152/0.0460	Pass	Propiconazole	0.1	ND	N/A	0.00909/0.0300	Pass
Clofentezine	0.1	ND	N/A	0.00206/0.0300	Pass	Propoxur	Any amt	ND	N/A	0.00780/0.0300	Pass
Coumaphos	Any amt	ND	N/A	0.00393/0.0300	Pass	Pyrethrins	0.5	ND		0.00278/0.0300	Pass
Daminozide	Any amt	ND	N/A	0.0176/0.0534	Pass	Pyrethrins Cinerin I		ND	N/A		N/A
Diazinon	0.1	ND	N/A	0.00475/0.0300	Pass	Pyrethrins Cinerin II		ND	N/A		N/A
Dichlorvos	Any amt	ND	N/A	0.0182/0.0550	Pass	Pyrethrins Jasmolin I		ND	N/A		N/A
Dimethoate	Any amt	ND	N/A	0.00592/0.0300	Pass	Pyrethrins Jasmolin II		ND	N/A		N/A
Dimethomorph	2	ND	N/A	0.00454/0.0300	Pass	Pyrethrins Pyrethrin I		ND	N/A	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	N/A	0.00610/0.0300	Pass	Pyrethrins Pyrethrin II		ND	N/A	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	N/A	0.00437/0.0300	Pass	Pyridaben	0.1	< LOQ	N/A	0.00231/0.0300	Pass
Etoxazole	0.1	ND	N/A	0.00365/0.0300	Pass	Spinetoram	0.1	ND		0.00119/0.0300	Pass
Fenhexamid	0.1	ND	N/A	0.0113/0.0342	Pass	Spinetoram J		ND	N/A	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	N/A	0.00415/0.0300	Pass	Spinetoram L		ND	N/A	0.00500/0.0100	N/A
Fenpyroximate	0.1	ND	N/A	0.00396/0.0300	Pass	Spinosad	0.1	ND		0.00830/0.0300	Pass
Fipronil	Any amt	ND	N/A	0.0165/0.0500	Pass	Spinosad A		ND	N/A	0.00500/0.0100	N/A
Flonicamid	0.1	ND	N/A	0.0115/0.0350	Pass	Spinosad D		ND	N/A	0.00500/0.0100	N/A
Fludioxonil	0.1	ND	N/A	0.0119/0.0362	Pass	Spiromesifen	0.1	ND	N/A	0.00894/0.0300	Pass
Hexythiazox	0.1	ND	N/A	0.00124/0.0300	Pass	Spirotetramat	0.1	ND	N/A	0.00808/0.0300	Pass
Imazalil	Any amt	ND	N/A	0.00898/0.0300	Pass	Spiroxamine	Any amt	ND	N/A	0.00555/0.0300	Pass
Imidacloprid	5	ND	N/A	0.0109/0.0331	Pass	Tebuconazole	0.1	ND	N/A	0.00605/0.0300	Pass
Kresoxim-methyl	0.1	ND	N/A	0.00708/0.0300	Pass	Thiacloprid	Any amt	ND	N/A	0.00506/0.0300	Pass
Malathion	0.5	ND	N/A	0.00313/0.0300	Pass	Thiamethoxam	5	ND	N/A	0.00760/0.0300	Pass
Metalaxyl	2.000941	0.107	± 0.000941 µg/g	0.00467/0.0300	Pass	Trifloxystrobin	0.1	< LOQ	N/A	0.00293/0.0300	Pass

Accreditations



PJLA Accredited

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS / PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS

Abamectin, Abamectin Ba, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, MGK-264, MGK-264 I, MGK-264 II, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Cinerin II, Pyrethrins Jasmolin I, Pyrethrins Jasmolin II, Pyrethrins Pyrethrin I, Pyrethrins Pyrethrin II, Pyridaben, Quintozene, Spinetoram, Spinetoram J, Spinetoram L, Spinosad, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Spiroxamine A, Spiroxamine B, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin, alpha-Chlordane, gamma-Chlordane

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS

1,2-Dichloroethane, 2-Propanol, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Dichloromethane, Ethanol, Ethyl acetate, Ethyl ether, Ethylene oxide, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene chloride, Pentane, Propane, Toluene, Total xylenes, Trichloroethene, Trichloroethylene, m-Xylene, o- and p-Xylene, o-Xylene, p- and m-Xylene, p-Xylene

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency

CBC, CBCA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS

Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins, Ochratoxin A

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS

Arsenic, Cadmium, Lead, Mercury



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