Certificate of Analysis

ISO/IEC 17025:2017 Accredited

Revision #1 (This revision supersedes any and all previous versions of this document.)

Pure Science Lab

3400 NW 27th Ave c4, Pompano Beach, FL 33069
561-200-0425
Permit: --

1225008782 50 mg CBD Cherry

Laboratory ID:	JL11012-07	**Sample Date:**	12/11/25
Sample Matrix:	Gummy	**Received:**	12/11/25 14:39
Batch Unit Size:	4.5 g	**Completed:**	02/06/26 16:11
Description:	--		

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
1.07% (48.2 mg)	**<LOQ%**	**1.07% (48.2 mg)**

Analyte	%	mg
CBD	1.07	48.2
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
delta 9-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Terpenes

Not Tested

ANALYSIS SUMMARY

Potency	PASS	**Homogeneity**	Not Tested	**Terpenes**	Not Tested
Residual Solvents	PASS	**% Moisture**	Not Tested	**Water Activity**	PASS
Foreign Matter	PASS	**Pesticides**	PASS	**Mycotoxins**	PASS
Heavy Metals	PASS	**Microbials**	PASS		

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LOQ = *Limit of Quantification* **ND** = *Non-Detect* **RPD** = *Relative Percent Difference* **MDL** = *Method Detection Limit* **PQL** = *Practical Quantitation Limit*

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Richard Dillen
Laboratory Director

Accreditation #102020

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Sample Date: 12/11/2025
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Potency by HPLC

Batch: B5L1203 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 12/12/25 14:11 **Ana. By:** 1005 **Ana. On:** 12/12/25 19:57 **Initial (g):** 1.0001 **Final (g):** 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	ND	10	0.3	0.00320	0.0469	Total CBD	1.07	100		0.0490	0.469
delta 8-THC	ND	10		0.00160	0.0250	delta 9-THC	ND	10	0.3	0.00170	0.0250
THCa	ND	10		0.00170	0.0250	THCV	ND	10		0.00360	0.0250
CBD	1.07	100		0.0330	0.250	CBDa	ND	10		0.00200	0.0250
CBDV	ND	10		0.00220	0.0250	CBC	ND	10		0.00750	0.0250
CBG	ND	10		0.00160	0.0250	CBGa	ND	10		0.00160	0.0250
CBN	ND	10		0.00190	0.0250						

Residual Solvents by GC/MS-HS

Batch: B5L1134 **SOP:** MCS-SOP-O03 **Prep By:** 1005 **Prep On:** 12/12/25 17:06 **Ana. By:** 1028 **Ana. On:** 12/13/25 02:12 **Initial (g):** 0.0195 **Final (g):** 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	103	256	n-Butane	ND	1	5000	103	256
Methanol	27.3	1	250	25.6	103	Ethylene Oxide	ND	1	5	0.513	2.56
Ethanol	ND	1	5000	103	256	Pentane	ND	1	750	76.9	256
Ethyl Ether	ND	1	500	51.3	256	Acetone	ND	1	750	76.9	256
1,1-Dichloroethylene	ND	1	8	0.315	1.54	Isopropyl Alcohol (2-Propanol)	ND	1	500	51.3	256
Acetonitrile	ND	1	60	6.15	30.8	Methylene Chloride	ND	1	125	12.8	51.3
Hexane	ND	1	250	25.6	128	Ethyl Acetate	ND	1	400	41.0	205
Chloroform	ND	1	2	0.142	1.03	1,2-Dichloroethane	ND	1	2	0.185	1.03
Benzene	ND	1	1	0.0588	0.103	Heptane	ND	1	5000	103	256
Trichloroethene (Trichloroethylene)	ND	1	25	0.276	1.54	Toluene	ND	1	150	15.4	76.9
m/p-Xylenes	ND	1	100	7.69	30.8	o-xylene	ND	1	50	7.69	30.8

Water Activity by REH

Batch: B5L1217 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 12/12/25 16:52 **Ana. By:** 1048 **Ana. On:** 12/15/25 16:02 **Initial (g):** 0.1014 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.66	1	0.85	0.040	0.040

Foreign Matter

Batch: B5L1131 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 12/11/25 16:00 **Ana. By:** 1048 **Ana. On:** 12/11/25 16:05 **Initial (g):** 1 **Final (g):** 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

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Pesticides by LC-QQQ

Batch: B5L1215 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 12/12/25 16:47
Ana. By: 1056 **Ana. On:** 12/16/25 00:28
Initial (g): 1.0003 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	12.3	100	Acephate	ND	10	3000	9.78	100
Acequinocyl	ND	10	2000	11.7	100	Acetamiprid	ND	10	3000	15.1	100
Aldicarb	ND	10	100	12.9	100	Azoxystrobin	ND	10	3000	3.26	100
Bifenazate	ND	10	3000	3.67	100	Bifenthrin	ND	10	500	9.44	100
Boscalid	ND	10	3000	18.2	100	Carbaryl	ND	10	500	7.22	500
Carbofuran	ND	10	100	2.29	100	Chlorantraniliprole	ND	10	3000	5.11	1000
Chlormequat chloride	ND	10	3000	9.36	1000	Chlorpyrifos	ND	10	100	4.42	100
Clofentezine	ND	10	500	14.9	200	Coumaphos	ND	10	100	4.49	100
Cyfluthrin	ND	10	1000	26.7	500	Cypermethrin	ND	10	1000	11.4	500
Daminozide	ND	10	100	6.32	100	Diazinon	ND	10	200	3.19	100
Dichlorvos	ND	10	100	5.79	100	Dimethoate	ND	10	100	1.29	100
Dimethomorph, Total	ND	10	3000	2.50	200	Ethoprophos	ND	10	100	2.36	100
Etofenprox	ND	10	100	12.7	100	Etoxazole	ND	10	1500	15.4	100
Fenhexamid	ND	10	3000	5.42	100	Fenoxycarb	ND	10	100	4.69	100
Fenpyroximate	ND	10	2000	5.52	100	Fipronil	ND	10	100	14.3	100
Flonicamid	ND	10	2000	6.91	100	Fludioxonil	ND	10	3000	11.0	100
Hexythiazox	ND	10	2000	5.86	100	Imazalil	ND	10	100	9.60	100
Imidacloprid	ND	10	3000	17.3	400	Kresoxim-Methyl	ND	10	1000	7.62	100
Malathion	ND	10	2000	10.7	200	Metalaxyl	ND	10	3000	4.47	100
Methiocarb	ND	10	100	11.8	100	Methomyl	ND	10	100	4.43	100
Mevinphos	ND	10	100	9.29	100	Myclobutanil	ND	10	3000	16.3	100
Dibrom (Naled)	ND	10	500	6.03	250	Oxamyl	ND	10	500	2.33	250
Paclobutrazol	ND	10	100	12.2	100	Permethrin	ND	10	1000	16.3	100
Phosmet	ND	10	200	9.17	100	Piperonyl butoxide	7.47	10	3000	5.82	3000
Prallethrin	ND	10	400	5.52	100	Propiconazole (Tilt)	ND	10	1000	17.9	100
Baygon (Propoxur)	ND	10	100	5.45	100	Pyrethrins, Total	ND	10	1000	11.0	100
Pyridaben	ND	10	3000	6.26	200	Spinetoram, Total	ND	10	3000	11.7	100
Spiromesifen	ND	10	3000	2.24	100	Spirotetramat	ND	10	3000	6.67	100
Spiroxamine	ND	10	100	6.81	100	Tebuconazole	ND	10	1000	19.0	100
Thiacloprid	ND	10	100	14.4	100	Thiamethoxam	ND	10	1000	15.9	500
Trifloxystrobin	ND	10	3000	6.04	100	Spinosad, Total	ND	10	3000	4.44	100

Pesticides by GC-QQQ

Batch: B5L1215 **SOP:** MCS-SOP-O01a
Prep By: 1005 **Prep On:** 12/12/25 16:47
Ana. By: 1067 **Ana. On:** 12/15/25 21:00
Initial (g): 1.0003 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	34.2	75.0	Methyl parathion	ND	5	100	17.1	50.0
Captan	ND	5	3000	49.2	350	Chlordane, Total	ND	5	100	39.0	50.0
Chlorfenapyr	ND	5	100	43.6	50.0						

Mycotoxins by LC-QQQ

Batch: B5L1215 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 12/12/25 16:47
Ana. By: 1056 **Ana. On:** 12/15/25 19:03
Initial (g): 1.0003 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	10.0	10.0	Ochratoxin A	ND	10	20	2.52	10.0
Aflatoxin G2	ND	10	20	7.47	10.0	Aflatoxin G1	ND	10	20	3.24	10.0
Aflatoxin B2	ND	10	20	3.88	10.0	Aflatoxin B1	ND	10	20	2.94	10.0

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Total Metals by ICP-MS

Batch: B5L1216 **SOP:** MCS-SOP-I01 **Prep By:** 1029 **Prep On:** 12/15/25 08:59 **Ana. By:** 1028 **Ana. On:** 12/15/25 12:09 **Initial (g):** 0.2518 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	19.9	99.3	Cadmium	ND	1	500	19.9	99.3
Lead	ND	1	500	49.6	248	Mercury	ND	1	3000	19.9	49.6

Microbials by qPCR

Batch: B5L1239 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 12/13/25 11:27 **Ana. By:** 1053 **Ana. On:** 12/14/25 15:42 **Initial (g):** 1.0041 **Final (g):** 2.4

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B5L1240 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 12/13/25 10:15 **Ana. By:** 1005 **Ana. On:** 12/13/25 11:10 **Initial (g):** 1.0019 **Final (g):** 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000