Certificate of Analysis

ISO/IEC 17025:2017 Accredited

Pure Science Lab

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

0126001290 Melatonin Gummies - 5mg CBD, 5 mg CBN, 2.5 mg Melatonin Elderberry

Laboratory ID:	KA26014-02	**Sample Date:**	01/26/26
Sample Matrix:	Gummy	**Received:**	01/26/26 15:46
Batch Unit Size:	4.5 g	**Completed:**	01/29/26 18:01
Description:	--		

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.130% (5.85 mg)	**<LOQ%**	**0.259% (11.7 mg)**

Analyte	%	mg
CBD	0.130	5.85
CBN	0.129	5.81
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<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

0126001290 Melatonin Gummies - 5mg CBD, 5 mg CBN, 2.5 mg Melatonin Elderberry

Laboratory ID: KA26014-02
Sample Matrix: Gummy
Description: --

Sample Date: 1/26/2026
Received: 01/26/26 15:46
Completed: 01/29/26 18:01

Potency by HPLC

Batch: B6A2709 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 1/27/26 16:35 **Ana. By:** 1005 **Ana. On:** 1/27/26 21:57 **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	0.130	10		0.00490	0.0469
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	0.130	10		0.00330	0.0250	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	0.129	10		0.00190	0.0250						

Residual Solvents by GC/MS-HS

Batch: B6A2715 **SOP:** MCS-SOP-O03 **Prep By:** 1005 **Prep On:** 1/27/26 17:03 **Ana. By:** 1028 **Ana. On:** 1/28/26 01:16 **Initial (g):** 0.0227 **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	88.1	220	n-Butane	ND	1	5000	88.1	220
Methanol	22.2	1	250	22.0	88.1	Ethylene Oxide	ND	1	5	0.441	2.20
Ethanol	ND	1	5000	88.1	220	Pentane	ND	1	750	66.1	220
Ethyl Ether	ND	1	500	44.1	220	Acetone	ND	1	750	66.1	220
1,1-Dichloroethylene	ND	1	8	0.270	1.32	Isopropyl Alcohol (2-Propanol)	ND	1	500	44.1	220
Acetonitrile	ND	1	60	5.29	26.4	Methylene Chloride	ND	1	125	11.0	44.1
Hexane	ND	1	250	22.0	110	Ethyl Acetate	ND	1	400	35.2	176
Chloroform	ND	1	2	0.122	0.881	1,2-Dichloroethane	ND	1	2	0.159	0.881
Benzene	ND	1	1	0.0505	0.0881	Heptane	ND	1	5000	88.1	220
Trichloroethene (Trichloroethylene)	ND	1	25	0.237	1.32	Toluene	ND	1	150	13.2	66.1
m/p-Xylenes	ND	1	100	6.61	26.4	o-xylene	ND	1	50	6.61	26.4

Water Activity by REH

Batch: B6A2713 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 1/27/26 16:39 **Ana. By:** 1054 **Ana. On:** 1/28/26 12:07 **Initial (g):** 0.1031 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.72	1	0.85	0.040	0.040

Foreign Matter

Batch: B6A2632 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 1/26/26 16:30 **Ana. By:** 1048 **Ana. On:** 1/26/26 16:45 **Initial (g):** 1 **Final (g):** 1

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

0126001290 Melatonin Gummies - 5mg CBD, 5 mg CBN, 2.5 mg Melatonin Elderberry

Laboratory ID: KA26014-02
Sample Matrix: Gummy
Description: --

Sample Date: 1/26/2026
Received: 01/26/26 15:46
Completed: 01/29/26 18:01

Pesticides by LC-QQQ

Batch: B6A2711 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 1/27/26 16:43
Ana. By: 1067 **Ana. On:** 1/28/26 21:25
Initial (g): 1.0008 **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	99.9	Acephate	ND	10	3000	9.78	99.9
Acequinocyl	ND	10	2000	11.7	99.9	Acetamiprid	ND	10	3000	15.1	99.9
Aldicarb	ND	10	100	12.9	99.9	Azoxystrobin	ND	10	3000	3.26	99.9
Bifenazate	ND	10	3000	3.67	99.9	Bifenthrin	ND	10	500	9.43	99.9
Boscalid	ND	10	3000	18.2	99.9	Carbaryl	ND	10	500	7.22	500
Carbofuran	ND	10	100	2.29	99.9	Chlorantraniliprole	ND	10	3000	5.11	999
Chlormequat chloride	ND	10	3000	9.36	999	Chlorpyrifos	ND	10	100	4.42	99.9
Clofentezine	ND	10	500	14.9	200	Coumaphos	ND	10	100	4.49	99.9
Cyfluthrin	ND	10	1000	26.7	500	Cypermethrin	ND	10	1000	11.4	500
Daminozide	ND	10	100	6.32	99.9	Diazinon	ND	10	200	3.19	99.9
Dichlorvos	ND	10	100	5.79	99.9	Dimethoate	ND	10	100	1.29	99.9
Dimethomorph, Total	ND	10	3000	2.50	200	Ethoprophos	ND	10	100	2.36	99.9
Etofenprox	ND	10	100	12.7	99.9	Etoxazole	ND	10	1500	15.4	99.9
Fenhexamid	ND	10	3000	5.41	99.9	Fenoxycarb	ND	10	100	4.69	99.9
Fenpyroximate	ND	10	2000	5.52	99.9	Fipronil	ND	10	100	14.3	99.9
Flonicamid	ND	10	2000	6.91	99.9	Fludioxonil	ND	10	3000	11.0	99.9
Hexythiazox	ND	10	2000	5.86	99.9	Imazalil	ND	10	100	9.60	99.9
Imidacloprid	ND	10	3000	17.3	400	Kresoxim-Methyl	ND	10	1000	7.61	99.9
Malathion	ND	10	2000	10.7	200	Metalaxyl	ND	10	3000	4.47	99.9
Methiocarb	ND	10	100	11.8	99.9	Methomyl	ND	10	100	4.42	99.9
Mevinphos	ND	10	100	9.28	99.9	Myclobutanil	ND	10	3000	16.3	99.9
Dibrom (Naled)	ND	10	500	6.03	250	Oxamyl	ND	10	500	2.33	250
Paclobutrazol	ND	10	100	12.2	99.9	Permethrin	ND	10	1000	16.3	99.9
Phosmet	ND	10	200	9.16	99.9	Piperonyl butoxide	ND	10	3000	5.81	3000
Prallethrin	ND	10	400	5.52	99.9	Propiconazole (Tilt)	ND	10	1000	17.9	99.9
Baygon (Propoxur)	ND	10	100	5.44	99.9	Pyrethrins, Total	ND	10	1000	11.0	99.9
Pyridaben	ND	10	3000	6.25	200	Spinetoram, Total	ND	10	3000	11.7	99.9
Spiromesifen	ND	10	3000	2.24	99.9	Spirotetramat	ND	10	3000	6.67	99.9
Spiroxamine	ND	10	100	6.81	99.9	Tebuconazole	ND	10	1000	19.0	99.9
Thiacloprid	ND	10	100	14.4	99.9	Thiamethoxam	ND	10	1000	15.9	500
Trifloxystrobin	ND	10	3000	6.04	99.9	Spinosad, Total	ND	10	3000	4.44	99.9

Pesticides by GC-QQQ

Batch: B6A2711 **SOP:** MCS-SOP-O01a
Prep By: 1005 **Prep On:** 1/27/26 16:43
Ana. By: 1067 **Ana. On:** 1/28/26 18:35
Initial (g): 1.0008 **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	74.9	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: B6A2711 **SOP:** MCS-SOP-O01b
Prep By: 1005 **Prep On:** 1/27/26 16:43
Ana. By: 1067 **Ana. On:** 1/29/26 02:26
Initial (g): 1.0008 **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	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.88	9.99	Aflatoxin B1	ND	10	20	2.94	9.99

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Total Metals by ICP-MS

Batch: B6A2712 **SOP:** MCS-SOP-I01 **Prep By:** 1029 **Prep On:** 1/28/26 09:10 **Ana. By:** 1028 **Ana. On:** 1/28/26 14:58 **Initial (g):** 0.2532 **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	19.7	98.7	Cadmium	ND	1	500	19.7	98.7
Lead	266	1	500	49.4	247	Mercury	ND	1	3000	19.7	49.4

Microbials by qPCR

Batch: B6A2703 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 1/27/26 14:38 **Ana. By:** 1058 **Ana. On:** 1/28/26 15:32 **Initial (g):** 1.0024 **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: B6A2704 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 1/28/26 10:27 **Ana. By:** 1058 **Ana. On:** 1/28/26 11:42 **Initial (g):** 1.0024 **Final (g):** 7

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