

CERTIFICATE OF ANALYSIS

SAMPLE NAME: JADED - CLOUDBERRY SLEEP GUMMY - 10MG FSD CBD, 10MG CBN, 50MG L-THEANINE & 50MG REISHI MUSHROOM, 4G - ITM001674

SAMPLE CODE: HEM-240202-003

CLIENT: JADED CBD

BATCH RESULT: PASS



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MATRIX NAME: Edible Solid - Gummy
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Mon, Feb 5, 2024
PUBLISHED DATE: Fri, Feb 9, 2024
BATCH CODE: J1334C4032
BATCH SIZE: 0
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 4.0164g (1 gummy = 1 Serving)

TOTAL CANNABINOIDS	22.11 mg/serv
TOTAL THC	0.23 mg/serv
TOTAL CBD	10.53 mg/serv

POT ✓
Cannabinoids
Potency

SOL ✓
Residual Solvents
USP <467>

PGUSP ✓
Pesticides
USP <561>

PLUSP ✓
Pesticides
USP <561>

SS ✓
Salmonella & STEC
qPCR

HVMET ✓
Heavy Metals
4

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Fri, Feb 9, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Fri, Feb 9, 2024

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LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS ACN
 POT-HEM-240202-003-01 - FRI, FEB 2, 2024



ANALYTE	VALUE	VALUE (PER SERVING)	VALUE (PER PACKAGE)	ACTION LIMIT	LOD	LOQ	STATUS
Total Cannabinoids	0.5504 %	22.11 mg	22.11 mg	N/A	N/A	N/A	N/A
CBN	0.2714 %	10.90 mg	10.90 mg	N/A	0.3561 ug/g	4.3163 ug/g	N/A
CBD	0.2621 %	10.53 mg	10.53 mg	N/A	0.6432 ug/g	5.401 ug/g	N/A
Total CBD	0.2621 %	10.53 mg	10.53 mg	N/A	N/A	N/A	N/A
Delta-9 THC	0.0057 %	0.23 mg	0.23 mg	N/A	0.4945 ug/g	1.516 ug/g	N/A
Total THC	0.0057 %	0.23 mg	0.23 mg	N/A	N/A	N/A	N/A
CBG	0.0038 %	0.15 mg	0.15 mg	N/A	0.2073 ug/g	0.8539 ug/g	N/A
CBC	0.0032 %	0.13 mg	0.13 mg	N/A	0.4372 ug/g	4.843 ug/g	N/A
CBDV	0.0027 %	0.11 mg	0.11 mg	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBGA	0.0015 %	0.06 mg	0.06 mg	N/A	0.4596 ug/g	4.8149 ug/g	N/A
CBDA	ND	ND	ND	N/A	0.0886 ug/g	0.2949 ug/g	N/A
Delta-8 THC	ND	ND	ND	N/A	0.4043 ug/g	4.5669 ug/g	N/A
Delta-8 THCV	ND	ND	ND	N/A	0.050425 ug/g	0.339339 ug/g	N/A
Delta-9 THCV	ND	ND	ND	N/A	0.269941 ug/g	0.403267 ug/g	N/A
THCA	ND	ND	ND	N/A	0.4497 ug/g	4.9472 ug/g	N/A
Total THCV	ND	N/A	N/A	N/A	N/A	N/A	N/A



LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS OF CANNABIS PRODUCTS
 SOL-HEM-240202-003-01 - FRI, FEB 2, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	1870 ug/g	0.4 ug/g	1.34 ug/g	PASS
2-Methylbutane	ND	290 ug/g	1.54 ug/g	5.14 ug/g	PASS
2-Methylpentane	ND	290 ug/g	0.0462 ug/g	0.154 ug/g	PASS
2,2-Dimethylbutane	ND	290 ug/g	0.98 ug/g	3.27 ug/g	PASS
2,3-Dimethylbutane	ND	290 ug/g	2.19 ug/g	7.32 ug/g	PASS
3-Methylpentane	ND	290 ug/g	0.73 ug/g	2.44 ug/g	PASS
Acetone	ND	5000 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	410 ug/g	1.85 ug/g	6.17 ug/g	PASS
Benzene	ND	2 ug/g	0.18 ug/g	0.59 ug/g	PASS
Butane	ND	500 ug/g	1.68 ug/g	5.59 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	ND	500 ug/g	N/A	N/A	PASS
Chloroform	ND	60 ug/g	0.78 ug/g	2.59 ug/g	PASS
Ethanol	752.638 ug/g	5000 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	ND	5000 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	5000 ug/g	1.37 ug/g	4.55 ug/g	PASS
Ethylene Oxide	ND	50 ug/g	0.15 ug/g	0.49 ug/g	PASS
Heptane	ND	500 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	290 ug/g	1.42 ug/g	4.74 ug/g	PASS
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	290 ug/g	N/A	N/A	PASS
Isobutane	ND	5000 ug/g	1.6 ug/g	5.34 ug/g	PASS
Isopropyl Alcohol	ND	5000 ug/g	4.9 ug/g	16.3 ug/g	PASS
Methanol	ND	3000 ug/g	7.89 ug/g	26.4 ug/g	PASS
Methylene Chloride	ND	600 ug/g	1.36 ug/g	4.53 ug/g	PASS
Neopentane	ND	5000 ug/g	1.49 ug/g	4.97 ug/g	PASS
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	5000 ug/g	N/A	N/A	PASS
Propane	ND	500 ug/g	1.95 ug/g	6.51 ug/g	PASS
Toluene	ND	890 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	ND	2170 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	PASS



LAB-TM-039 - USP 561 PESTICIDES ANALYSIS IN ARTICLES OF BOTANICAL ORIGIN BY GC/TQ
 PGUSP-HEM-240202-003-01 - FRI, FEB 2, 2024


ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aldrin + Dieldrin	ND	0.05 ug/g	0.2815 ug/g	0.9383 ug/g	PASS
Bromophos Ethyl	ND	0.05 ug/g	0.0185 ug/g	0.0616 ug/g	PASS
Bromophos Methyl	ND	0.05 ug/g	0.026 ug/g	0.0865 ug/g	PASS
Bromopropylate	ND	3 ug/g	0.0236 ug/g	0.0788 ug/g	PASS
Chlordane (Sum of -Cis, -Trans, and Oxychlordane)	ND	0.05 ug/g	0.0549 ug/g	0.1831 ug/g	PASS
Chlorthal-Dimethyl	ND	0.01 ug/g	0.0053 ug/g	0.0178 ug/g	PASS
DDT (Sum of O,P-DDE, P,P-DDE, O,P-DDT, P,P-DDT, O,P-TDE, and P,P-TDE)	ND	1 ug/g	0.0522 ug/g	0.1741 ug/g	PASS
Dicofol	ND	0.5 ug/g	0.0623 ug/g	0.2075 ug/g	PASS
Endosulfan (Sum of Isomers and Sulphate)	ND	3 ug/g	0.0693 ug/g	0.231 ug/g	PASS
Endrin	ND	0.05 ug/g	0.0699 ug/g	0.2329 ug/g	PASS
Fenclorophos (Sum of Fenclorophos and Fenclorophos-Oxon)	ND	0.1 ug/g	0.0929 ug/g	0.3098 ug/g	PASS
Fenitrothion	ND	0.05 ug/g	0.0161 ug/g	0.0537 ug/g	PASS
Fenvalerate	ND	1.5 ug/g	0.0379 ug/g	0.1265 ug/g	PASS
Fluvalinate-Tau	ND	0.05 ug/g	0.1006 ug/g	0.3352 ug/g	PASS
Heptachlor (Sum of Heptachlor, Cis-Heptachlorepoide, and Trans-Heptachlorepoide)	ND	0.05 ug/g	0.1945 ug/g	0.6485 ug/g	PASS
Hexachlorobenzene	ND	0.1 ug/g	0.0253 ug/g	0.0844 ug/g	PASS
Hexachlorocyclohexane (Sum of Isomers Alpha-, Beta-, Delta-, and Epsilon-)	ND	0.3 ug/g	0.0937 ug/g	0.3123 ug/g	PASS
Lindane (Gamma-Hexachlorocyclohexane)	ND	0.6 ug/g	0.0152 ug/g	0.0508 ug/g	PASS
Methacriphos	ND	0.05 ug/g	0.0643 ug/g	0.2145 ug/g	PASS
Methoxychlor	ND	0.05 ug/g	0.0113 ug/g	0.0375 ug/g	PASS
Mirex	ND	0.01 ug/g	0.0075 ug/g	0.0252 ug/g	PASS
Parathion Ethyl + Paraoxon Ethyl	ND	0.5 ug/g	0.0592 ug/g	0.1972 ug/g	PASS
Pentachloroanisole	ND	0.01 ug/g	0.0053 ug/g	0.0178 ug/g	PASS
Procymidone	ND	0.1 ug/g	0.0074 ug/g	0.0248 ug/g	PASS
Quintozene (Sum of Quintozene, Pentachloroaniline, and Methyl-Pentachlorophenyl Sulfide)	ND	1 ug/g	0.0625 ug/g	0.2083 ug/g	PASS
S-421	ND	0.02 ug/g	0.0142 ug/g	0.0474 ug/g	PASS
Tecnazene	ND	0.05 ug/g	0.014 ug/g	0.0465 ug/g	PASS
Tetradifon	ND	0.3 ug/g	0.0167 ug/g	0.0557 ug/g	PASS
Vinclozolin	ND	0.4 ug/g	0.0195 ug/g	0.065 ug/g	PASS



LAB-TM-038 - USP 561 PESTICIDE ANALYSIS IN ARTICLES OF BOTANICAL ORIGIN BY LC/TQ
 PLUSP-HEM-240202-003-01 - TUE, FEB 6, 2024


ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Acephate	ND	0.1 ug/g	0.675 ng/g	3.675 ng/g	PASS
Alachlor	ND	0.05 ug/g	1.800 ng/g	9.800 ng/g	PASS
Azinphos Ethyl	ND	0.1 ug/g	3.450 ng/g	18.850 ng/g	PASS
Azinphos Methyl	ND	1 ug/g	3.000 ng/g	16.375 ng/g	PASS
Chlorfenvinphos	ND	0.5 ug/g	2.325 ng/g	12.700 ng/g	PASS
Chlorpyrifos Ethyl	ND	0.2 ug/g	1.900 ng/g	10.425 ng/g	PASS
Cyfluthrin	ND	0.1 ug/g	13.350 ng/g	72.850 ng/g	PASS
Cypermethrin	ND	1 ug/g	18.150 ng/g	99.000 ng/g	PASS
Deltamethrin	ND	0.5 ug/g	1.225 ng/g	6.725 ng/g	PASS
Diazinon	ND	0.5 ug/g	2.000 ng/g	10.875 ng/g	PASS
Dichlorvos	ND	1 ug/g	2.050 ng/g	11.150 ng/g	PASS
Dimethoate + Omethoate	ND	0.1 ug/g	1.075 ng/g	5.825 ng/g	PASS
Ethion	ND	2 ug/g	0.725 ng/g	3.950 ng/g	PASS
Etrimphos	ND	0.05 ug/g	1.625 ng/g	8.825 ng/g	PASS
Fenpropathrin	ND	0.03 ug/g	2.425 ng/g	13.250 ng/g	PASS
Fensulfothion (Sum of Fensulfothion, Fensulfothion-Oxon, Fensulfothion-Oxon-Sulfone, and Fensulfothion-Sulfone)	ND	0.05 ug/g	8.600 ng/g	46.950 ng/g	PASS
Fenthion (Sum of Fenthion, Fenthion-Oxon, Fenthion-Oxon-Sulfone, Fenthion-Oxon-Sulfoxide, Fenthion-Sulfone, and Fenthion-Sulfoxide)	ND	0.05 ug/g	7.600 ng/g	41.525 ng/g	PASS
Flucythrinate	ND	0.05 ug/g	7.500 ng/g	40.925 ng/g	PASS
Fonophos	ND	0.05 ug/g	0.975 ng/g	5.350 ng/g	PASS
Lambda-Cyhalothrin	ND	1.0 ug/g	3.425 ng/g	18.700 ng/g	PASS
Malathion + Malaoxon	ND	1 ug/g	2.550 ng/g	13.925 ng/g	PASS
Mecarbam	ND	0.5 ug/g	1.950 ng/g	10.650 ng/g	PASS
Methamidophos	ND	0.5 ug/g	0.225 ng/g	1.225 ng/g	PASS
Methidathion	ND	0.2 ug/g	0.700 ng/g	3.825 ng/g	PASS
Monocrotophos	ND	0.1 ug/g	0.350 ng/g	1.875 ng/g	PASS
Pendimethalin	ND	0.1 ug/g	1.325 ng/g	7.175 ng/g	PASS
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	1 ug/g	0.725 ng/g	3.925 ng/g	PASS
Phosalone	ND	0.1 ug/g	2.150 ng/g	11.675 ng/g	PASS
Phosmet	ND	0.05 ug/g	2.475 ng/g	13.550 ng/g	PASS
Piperonyl Butoxide	ND	3 ug/g	0.975 ng/g	5.300 ng/g	PASS
Pirimiphos Ethyl	ND	0.05 ug/g	0.825 ng/g	4.475 ng/g	PASS
Pirimiphos Methyl (Sum of Pirimiphos-Methyl and n-Desethyl-Pirimiphos-Methyl)	ND	4 ug/g	0.700 ng/g	3.850 ng/g	PASS
Profenophos	ND	0.1 ug/g	1.475 ng/g	8.025 ng/g	PASS
Prothiophos	ND	0.05 ug/g	2.700 ng/g	14.700 ng/g	PASS
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	1 ug/g	10.775 ng/g	58.775 ng/g	PASS
Quinalphos	ND	0.05 ug/g	1.875 ng/g	10.275 ng/g	PASS



LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR

SS-HEM-240202-003-01 - FRI, FEB 2, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	Detection	N/A	N/A	PASS
Shiga Toxin Producing E. coli	ND	Detection	N/A	N/A	PASS

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS

HVMET-HEM-240202-003-01 - FRI, FEB 2, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.011 ug/g	1 ug/g	0.2817 ug/kg	0.2817 ug/kg	PASS
Cadmium	ND	0.41 ug/g	0.6272 ug/kg	2.0907 ug/kg	PASS
Lead	0.008 ug/g	0.5 ug/g	0.1546 ug/kg	0.5152 ug/kg	PASS
Mercury	ND	0.2 ug/g	0.0817 ug/kg	0.2724 ug/kg	PASS

