

CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: AUG 10, 2022

SAMPLE: FULL SPECTRUM CBD BODY LOTION (TOPICAL) // **CLIENT:** DEEP LIGHT TECH // **BATCH:** PASS



BATCH NO.: 2F212022
MATRIX: TOPICAL
CATEGORY: OTHER
SAMPLE ID: PSL-220808-004
COLLECTED ON: AUG 08, 2022
RECEIVED ON: AUG 08, 2022
BATCH/SAMPLE SIZE: 1000 UNITS / 1 UNITS
SAMPLED BY: PATRICK RUBIO
RECEIVED BY: PATRICK RUBIO
PACKAGE SIZE: 57.2660367125 G

CANNABINOID OVERVIEW

TOTAL THC:	0.084 %
TOTAL CBD:	1.86 %
TOTAL CANNABINOIDS:	2.192 %

BATCH RESULT: PASS

POTENCY	PASS	MYCOTOXINS	TESTED
FOREIGN	TESTED	PESTICIDES	TESTED
METALS	TESTED	SOLVENTS	TESTED
MICROBIAL	TESTED		

CAN: POTENCY BY UHPLC: SOP 5-10 CANNABINOIDS // AUG 09, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.106 %	1.06 mg/g		0.044/0.134	N/A	THCA		ND	ND	0.150/0.452	N/A
CBD	1.815 %	18.15 mg/g		2.525/7.647	N/A	THCV		ND	ND	0.012/0.047	N/A
CBDA	0.051 %	0.51 mg/g		0.066/0.198	N/A	TOTAL THC**		0.084 %	0.84 mg/g		N/A
CBDV	0.010 %	0.10 mg/g		0.016/0.047	N/A	TOTAL CBD**		1.860 %	18.60 mg/g		N/A
CBG	0.121 %	1.21 mg/g		0.035/0.107	N/A	CBD/PKG		1039.38 mg			N/A
CBGA		ND	ND	0.004/0.047	N/A	Δ⁹-THC/PKG		48.10 mg			PASS
CBN	0.005 %	0.05 mg/g		0.007/0.047	N/A	TOTAL CBD/PKG**		1065.15 mg			N/A
Δ ⁸ -THC		ND	ND	0.019/0.094	N/A	TOTAL THC/PKG**		48.10 mg			N/A
Δ ⁹ -THC	0.084 %	0.84 mg/g		0.024/0.094	N/A						

** TOTAL CBD = (CBDA X 0.877) + CBD

** TOTAL THC = (THCA X 0.877) + THC



RESULTS CERTIFIED BY: TOMMIE GRIFFIN
 LAB DIRECTOR, PACIFIC STAR LABS
 AUG 10, 2022



PES: PESTICIDES BY GC-MS/MS: SOP 5-12 PESTICIDES AND MYCOTOXINS // AUG 09, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.042/0.127	PASS	CYPERMETHRIN II		ND	0.009/0.026	N/A
CHLORDANE CIS		ND	0.006/0.027	N/A	CYPERMETHRIN III		ND	0.013/0.039	N/A
CHLORDANE TRANS		ND	0.004/0.027	N/A	CYPERMETHRIN IV		ND	0.004/0.012	N/A
CHLORFENAPYR	Any amt	ND	0.022/0.065	PASS	METHYL PARATHION	Any amt	ND	0.027/0.081	PASS
CYFLUTHRIN I		ND	0.004/0.013	N/A	PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.024/0.072	PASS
CYFLUTHRIN II		ND	0.009/0.026	N/A	CHLORDANE	Any amt	ND		PASS
CYFLUTHRIN III		ND	0.009/0.027	N/A	CYFLUTHRIN	1 µg/g	ND		PASS
CYFLUTHRIN IV		ND	0.009/0.026	N/A	CYPERMETHRIN	1 µg/g	ND		PASS
CYPERMETHRIN I		ND	0.006/0.019	N/A					

PES: PESTICIDES BY LC-MS/MS: SOP 5-12 PESTICIDES AND MYCOTOXINS // AUG 09, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN BA		ND	0.013/0.039	N/A	METHIOCARB	Any amt	ND	0.011/0.034	PASS
ACEPHATE	5 µg/g	ND	0.004/0.027	PASS	METHOMYL	0.1 µg/g	ND	0.011/0.033	PASS
ACEQUINOCYL	4 µg/g	ND	0.015/0.046	PASS	MEVINPHOS I		ND	0.002/0.006	N/A
ACETAMIPRID	5 µg/g	ND	0.009/0.027	PASS	MEVINPHOS II		ND	0.007/0.022	N/A
ALDICARB	Any amt	ND	0.012/0.037	PASS	MYCLOBUTANIL	9 µg/g	ND	0.008/0.027	PASS
AZOXYSTROBIN	40 µg/g	ND	0.011/0.033	PASS	NALED	0.5 µg/g	ND	0.016/0.048	PASS
BIFENAZATE	5 µg/g	ND	0.014/0.043	PASS	OXAMYL	0.2 µg/g	ND	0.009/0.028	PASS
BIFENTHRIN	0.5 µg/g	ND	0.022/0.068	PASS	PACLOBUTRAZOL	Any amt	ND	0.008/0.027	PASS
BOSCALID	10 µg/g	ND	0.017/0.051	PASS	PERMETHRIN CIS		ND	0.009/0.027	N/A
CARBARYL	0.5 µg/g	ND	0.013/0.038	PASS	PERMETHRIN TRANS		ND	0.011/0.035	N/A
CARBOFURAN	Any amt	ND	0.011/0.033	PASS	PHOSMET	0.2 µg/g	ND	0.014/0.044	PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.008/0.024	PASS	PIPERONYLBUTOXIDE	8 µg/g	ND	0.018/0.054	PASS
CHLORPYRIFOS	Any amt	ND	0.025/0.075	PASS	PRALLETHRIN	0.4 µg/g	ND	0.017/0.051	PASS
CLOFENTEZINE	0.5 µg/g	ND	0.016/0.050	PASS	PROPICONAZOLE	20 µg/g	ND	0.011/0.035	PASS
COUMAPHOS	Any amt	ND	0.018/0.055	PASS	PROPOXUR	Any amt	ND	0.011/0.033	PASS
DAMINOZIDE	Any amt	ND	0.015/0.046	PASS	PYRETHRINS PYRETHRIN I		ND	0.012/0.036	N/A
DAZINON	0.2 µg/g	ND	0.015/0.046	PASS	PYRETHRINS PYRETHRIN II		ND	0.006/0.017	N/A
DICHLORVOS	Any amt	ND	0.015/0.045	PASS	PYRIDABEN	3 µg/g	ND	0.016/0.049	PASS
DIMETHOATE	Any amt	ND	0.008/0.027	PASS	SPINETORAM J		ND	0.007/0.020	N/A
DIMETHOMORPH I		ND	0.010/0.030	N/A	SPINETORAM L		ND	0.003/0.011	N/A
DIMETHOMORPH II		ND	0.004/0.012	N/A	SPINOSAD A		ND	0.007/0.020	N/A
ETHOPROPHOS	Any amt	ND	0.010/0.032	PASS	SPINOSAD D		ND	0.003/0.010	N/A
ETOFENPROX	Any amt	ND	0.016/0.050	PASS	SPIROMESIFEN	12 µg/g	ND	0.018/0.053	PASS
ETOXAZOLE	1.5 µg/g	ND	0.016/0.048	PASS	SPIROTETRAMAT	13 µg/g	ND	0.014/0.044	PASS
FENHEXAMID	10 µg/g	ND	0.014/0.042	PASS	SPIROXAMINE	Any amt	ND	0.013/0.039	PASS
FENOXYCARB	Any amt	ND	0.017/0.050	PASS	TEBUCONAZOLE	2 µg/g	ND	0.011/0.032	PASS
FENPYROXIMATE	2 µg/g	ND	0.017/0.050	PASS	THIACLOPRID	Any amt	ND	0.010/0.029	PASS
FIPRONIL	Any amt	ND	0.014/0.043	PASS	THIAMETHOXAM	4.5 µg/g	ND	0.010/0.031	PASS
FLONICAMID	2 µg/g	ND	0.005/0.027	PASS	TRIFLOXYSTROBIN	30 µg/g	ND	0.019/0.058	PASS
FLUDIOXONIL	30 µg/g	ND	0.015/0.046	PASS	MEVINPHOS	Any amt	ND		PASS
HEXYTHIAZOX	2 µg/g	ND	0.017/0.050	PASS	ABAMECTIN	0.3 µg/g	ND		PASS
IMAZALIL	Any amt	ND	0.010/0.029	PASS	DIMETHOMORPH	20 µg/g	ND		PASS
IMIDACLOPRID	3 µg/g	ND	0.008/0.027	PASS	PERMETHRIN	20 µg/g	ND		PASS
KRESOXIM-METHYL	1 µg/g	ND	0.015/0.045	PASS	PYRETHRINS	1 µg/g	ND		PASS
MALATHION	5 µg/g	ND	0.015/0.045	PASS	SPINETORAM	3 µg/g	ND		PASS
METALAXYL	15 µg/g	ND	0.016/0.048	PASS	SPINOSAD	3 µg/g	ND		PASS



MIC: MICROBIOLOGICAL CONTAMINANTS BY QPCR: SOP 5-9 MICROBIOLOGY // AUG 10, 2022

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS	SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

MYC: MYCOTOXINS BY LC-MS/MS: SOP 5-12 PESTICIDES AND MYCOTOXINS // AUG 09, 2022

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.710/2.721	N/A	AFLATOXIN G2		ND	1.183/3.549	N/A
AFLATOXIN B2		ND	1.183/3.549	N/A	OCHRATOXIN A	20 µg/kg	ND	1.183/3.549	PASS
AFLATOXIN G1		ND	0.710/2.721	N/A	AFLATOXINS	20 µg/kg	ND		PASS

HVM: HEAVY METALS BY ICP-MS: SOP 5-13 METALS // AUG 09, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	ND	0.064/0.192	PASS	LEAD	0.5 µg/g	ND	0.034/0.105	PASS
CADMIUM	0.5 µg/g	ND	0.015/0.049	PASS	MERCURY	3 µg/g	ND	0.008/0.026	PASS

FFM: FILTH AND FOREIGN MATERIAL BY VISUAL INSPECTION: SOP 5-4-2 FOREIGN MATERIAL TESTING // AUG 09, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL	ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS	INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS	SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

SOL: RESIDUAL SOLVENTS BY HS-GC-MS: SOP 5-11 SOLVENTS // AUG 09, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.184/0.922	PASS	HEXANE	290 µg/g	ND	5.623/27.655	PASS
ACETONE	5000 µg/g	< LOQ	3.779/27.655	PASS	ISOPROPYL ALCOHOL		87.388	1.844/27.655	N/A
ACETONITRILE	410 µg/g	ND	1.751/27.655	PASS	METHANOL	3000 µg/g	ND	1.567/27.655	PASS
BENZENE	1 µg/g	ND	0.184/0.922	PASS	METHYLENE CHLORIDE	1 µg/g	ND	0.092/0.922	PASS
BUTANE	5000 µg/g	ND	3.319/18.437	PASS	PENTANE	5000 µg/g	ND	5.070/27.655	PASS
CHLOROFORM	1 µg/g	ND	0.184/0.922	PASS	PROPANE	5000 µg/g	ND	4.425/18.437	PASS
ETHANOL		2514.493	2.489/27.655	N/A	TOLUENE	890 µg/g	ND	7.006/27.655	PASS
ETHYL ACETATE	5000 µg/g	< LOQ	4.425/27.655	PASS	TRICHLOROETHYLENE	1 µg/g	ND	0.184/0.922	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.092/0.922	PASS	O-XYLENE		ND	5.900/27.655	N/A
ETHYL ETHER	5000 µg/g	ND	3.964/27.655	PASS	P- AND M-XYLENE		ND	10.785/55.310	N/A
HEPTANE	5000 µg/g	ND	6.176/27.655	PASS	TOTAL XYLENES	2170 µg/g	ND		PASS

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