

CERTIFICATE OF ANALYSIS

PRODUCED: JUL 27, 2023

SAMPLE: 1 G BUBBLE HASH ROSIN (FATSO) (CONCENTRATE)

// CLIENT:

// BATCH: PASS

BATCH NO.:

SRC PKG:

MATRIX: CONCENTRATE

CATEGORY: INHALABLE

SAMPLE ID: VAL-230725-037

COLLECTED ON: JUL 25, 2023

RECEIVED ON: JUL 25, 2023

BATCH/SAMPLE SIZE: 1743 UNITS / 13 UNITSS

AMPLED BY: BERNARD DEL CASTILLO

RECEIVED BY: COLE DRAPER

PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC: 71.3695 %

TOTAL CBD: 0 %

TOTAL CANNABINOIDS: 71.3695 %

SUM OF CANNABINOIDS: 81.3791 %

BATCH RESULT: PASS

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

VA/SOP-500.01: POTENCY TESTING WITH HPLC-UV // JUL 26, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.1984/0.6588	N/A	Δ ⁹ -THC		ND	ND	0.1985/0.6588	N/A
CBD		ND	ND	0.1935/0.6588	N/A	THCA		81.3791 %	813.791 mg/g	0.1787/0.6588	N/A
CBDA		ND	ND	0.1524/0.6588	N/A	TOTAL THC**		71.3695 %	713.695 mg/g		N/A
CBDV		ND	ND	0.1699/0.6588	N/A	TOTAL CBD**		ND	ND		N/A
CBG		ND	ND	0.1846/0.6588	N/A	CBD/PKG		ND	ND		N/A
CBGA		ND	ND	0.2075/0.6588	N/A	Δ ⁹ -THC/PKG	1100 mg	ND	ND		PASS
CBN		ND	ND	0.1700/0.6588	N/A	TOTAL THC/PKG**		713.6950 mg			N/A
Δ ⁸ -THC		ND	ND	0.1943/0.6588	N/A	TOTAL CBD/PKG**		ND	ND		N/A

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

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

ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. THE RESULTS REPORTED ON THIS CERTIFICATE OF ANALYSIS RELATE ONLY TO THE SAMPLE ANALYZED.

RESULTS CERTIFIED BY: PAUL HAMRAH, MS,
PHARM D
LAB DIRECTOR, VERITY ANALYTICS
JUL 27, 2023



VA/SOP-900.01: TERPENOID TESTING WITH GC-FID // JUL 26, 2023

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	10.0145 %	100.145 mg/g		N/A
β-CARYOPHYLLENE	3.3930 %	33.930 mg/g	134.9412/404.4118	N/A
CIS-NEROLIDOL	2.1985 %	21.985 mg/g	67.2206/201.4706	N/A
D-LIMONENE	1.2730 %	12.730 mg/g	127.5588/382.3529	N/A
α-HUMULENE	1.0708 %	10.708 mg/g	185.8677/557.3529	N/A
LINALOOL	0.3685 %	3.685 mg/g	227.3382/682.3529	N/A
(-)-β-PINENE	0.2513 %	2.513 mg/g		N/A
CARYOPHYLLENE OXIDE	0.1295 %	1.295 mg/g		N/A
α-PINENE	0.1169 %	1.169 mg/g	58.9412/176.4706	N/A
β-MYRCENE	0.5780 %	5.780 mg/g	133.9706/401.4706	N/A
(-)-α-BISABOLOL	0.4970 %	4.970 mg/g		N/A
(-)-ISOPULEGOL	0.1380 %	1.380 mg/g		N/A

VA/SOP-600.02: RESIDUAL PESTICIDES TESTING WITH LC-MS // JUL 26, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0187/0.0565	PASS
ACEPHATE	0.1 µg/g	ND	0.0183/0.0553	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.0266/0.0805	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0060/0.0182	PASS
ALDICARB	Any amt	ND	0.0257/0.0779	PASS
α-CYFLUTHRIN		ND	0.0524/0.1587	N/A
α-CYPERMETHRIN		ND	0.0152/0.0460	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.0074/0.0223	PASS
β-CYFLUTHRIN		ND	0.0717/0.2171	N/A
β-CYPERMETHRIN		ND	0.0316/0.0958	N/A
BIFENAZATE	0.1 µg/g	ND	0.0077/0.0232	PASS
BIFENTHRIN	3 µg/g	ND	0.0142/0.0429	PASS
BOSCALID	0.1 µg/g	ND	0.0097/0.0293	PASS
CAPTAN	0.7 µg/g	ND	0.0020/0.0059	PASS
CARBARYL	0.5 µg/g	ND	0.0067/0.0204	PASS
CARBOFURAN	Any amt	ND	0.0061/0.0183	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.0104/0.0314	PASS
CHLORPYRIFOS	Any amt	ND	0.0150/0.0455	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0141/0.0425	PASS
COUMAPHOS	Any amt	ND	0.0186/0.0563	PASS
CYFLUTHRIN	2 µg/g	ND		PASS
CYPERMETHRIN	1 µg/g	ND		PASS
DAMINOZIDE	Any amt	ND	0.0213/0.0646	PASS
DIAZINON	0.1 µg/g	ND	0.0098/0.0296	PASS
DICHLORVOS	Any amt	ND	0.0120/0.0362	PASS
DIMETHOATE	Any amt	ND	0.0087/0.0263	PASS
DIMETHOMORPH	2 µg/g	ND	0.0163/0.0495	PASS
ETHOPROPHOS	Any amt	ND	0.0099/0.0299	PASS
ETOFENPROX	Any amt	ND	0.0084/0.0254	PASS
ETOXAZOLE	0.1 µg/g	ND	0.0077/0.0232	PASS
FENHEXAMID	0.1 µg/g	ND	0.0226/0.0685	PASS
FENOXYCARB	Any amt	ND	0.0103/0.0313	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.0117/0.0353	PASS
FIPRONIL	Any amt	ND	0.0118/0.0358	PASS
FLONICAMID	0.1 µg/g	ND	0.0096/0.0292	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.0312/0.0945	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.0079/0.0241	PASS

VA/SOP-610.01: RESIDUAL PESTICIDES TESTING WITH GC-MS // JUL 26, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.0010/0.0800	N/A
CHLORDANE TRANS		ND	0.0010/0.0800	N/A

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
1,8-CINEOLE	ND	ND		N/A
α-TERPINENE	ND	ND	112.4853/336.7647	N/A
CAMPHENE	ND	ND	85.1177/255.8824	N/A
CIS-β-OCIMENE	ND	ND		N/A
Δ ³ -CARENE	ND	ND	106.7353/320.5882	N/A
γ-TERPINENE	ND	ND	70.1177/210.2941	N/A
GERANIOL	ND	ND	878.6765/2636.7647	N/A
GUAIOL	ND	ND	89.6029/269.1177	N/A
P-CYMEANE	ND	ND	93.3529/279.4118	N/A
TERPINOLENE	ND	ND	173.5882/520.5882	N/A
TRANS-β-OCIMENE	ND	ND		N/A
TRANS-NEROLIDOL	ND	ND	64.2206/192.6471	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
IMAZALIL	Any amt	ND	0.0121/0.0367	PASS
IMIDACLOPRID	5 µg/g	ND	0.0165/0.0500	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.0182/0.0553	PASS
MALATHION	0.5 µg/g	ND	0.0091/0.0275	PASS
METALAXYL	2 µg/g	ND	0.0085/0.0256	PASS
METHIOCARB	Any amt	ND	0.0081/0.0245	PASS
METHOMYL	1 µg/g	ND	0.0065/0.0195	PASS
METHYL PARATHION	Any amt	ND	0.0069/0.0208	PASS
MEVINPHOS	Any amt	ND	0.0075/0.0226	PASS
MYCLOBUTANIL	0.1 µg/g	ND	0.0108/0.0327	PASS
NALED	0.1 µg/g	ND	0.0109/0.0332	PASS
OXAMYL	0.5 µg/g	ND	0.0113/0.0342	PASS
PACLOBUTRAZOL	Any amt	ND	0.0096/0.0291	PASS
PERMETHRIN	0.5 µg/g	ND	0.0141/0.0428	PASS
PHOSMET	0.1 µg/g	ND	0.0094/0.0284	PASS
PIPERONYLBUTOXIDE	3 µg/g	ND	0.0115/0.0348	PASS
PRALLETHRIN	0.1 µg/g	ND	0.0236/0.0716	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.0148/0.0449	PASS
PROPOXUR	Any amt	ND	0.0060/0.0181	PASS
PYRETHRINS	0.5 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	0.0332/0.1005	N/A
PYRETHRINS PYRETHRIN II		ND	0.0454/0.1375	N/A
PYRIDABEN	0.1 µg/g	ND	0.0073/0.0220	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.0170/0.0516	N/A
SPINETORAM L		ND	0.0189/0.0572	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.0114/0.0346	N/A
SPINOSAD D		ND	0.0248/0.0752	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.0130/0.0395	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.0081/0.0246	PASS
SPIROXAMINE	Any amt	ND	0.0067/0.0204	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.0138/0.0419	PASS
THIACLOPRID	Any amt	ND	0.0092/0.0278	PASS
THIAMETHOXAM	5 µg/g	ND	0.0109/0.0331	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.0215/0.0653	PASS

VA/SOP-1000.01: MICROBIAL TESTING WITH PATHOGENDX // JUL 26, 2023

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS

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

VA/SOP-600.02: MYCOTOXINS TESTING WITH LC-MS // JUL 26, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.6304/4.9506	N/A
AFLATOXIN B2		ND	2.1047/6.3439	N/A
AFLATOXIN G1		ND	2.7866/8.4486	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN G2		ND	2.0751/6.2549	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	5.9585/18.0534	PASS

VA/SOP-700.01: HEAVY METALS TESTING WITH ICP-MS // JUL 26, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.04509/0.13709	PASS
CADMIUM	0.2 µg/g	ND	0.01564/0.04727	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
LEAD	0.5 µg/g	ND	0.02873/0.08655	PASS
MERCURY	0.1 µg/g	ND	0.01964/0.05891	PASS

VA/SOP-190.01: FOREIGN MATERIAL INSPECTION WITH MICROSCOPE // JUL 25, 2023

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

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

VA/SOP-800.01: RESIDUAL SOLVENTS TESTING WITH GC-MS // JUL 27, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	2.1960/7.2635	PASS
ACETONE	5000 µg/g	ND	178.5473/566.8074	PASS
ACETONITRILE	410 µg/g	ND	158.9527/566.8074	PASS
BENZENE	1 µg/g	ND	2.1960/7.2635	PASS
BUTANE	5000 µg/g	ND	171.0642/566.8074	PASS
CHLOROFORM	1 µg/g	ND	2.4324/9.0625	PASS
ETHANOL	5000 µg/g	ND	164.7128/566.8074	PASS
ETHYL ACETATE	5000 µg/g	ND	125.5574/453.4375	PASS
ETHYLENE OXIDE	1 µg/g	ND	3.3277/11.3345	PASS
ETHYL ETHER	5000 µg/g	ND	176.0811/566.8074	PASS
HEPTANE	5000 µg/g	ND	148.0068/453.4375	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEXANE	290 µg/g	ND	154.1047/566.8074	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	163.1250/566.8074	PASS
METHANOL	3000 µg/g	ND	122.5000/453.4375	PASS
METHYLENE CHLORIDE	1 µg/g	ND	3.3108/11.3345	PASS
PENTANE	5000 µg/g	ND	212.7534/708.4966	PASS
PROPANE	5000 µg/g	ND	215.0676/708.4966	PASS
TOLUENE	890 µg/g	ND	128.1926/453.4375	PASS
TRICHLOROETHYLENE	1 µg/g	ND	2.3480/7.2635	PASS
O-XYLENE		ND	64.6453/226.3514	N/A
P- AND M-XYLENE		ND	67.1284/226.3514	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS