



CERTIFICATE OF ANALYSIS

PRODUCED: JUL 27, 2023

SAMPLE: 1 G BUBBLE HASH ROSIN (TROPICANA CHERRY) (CONCENTRATE)

// CLIENT:

// BATCH: PASS

BATCH NO.:
SRC PKG:
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: VAL-230725-033
COLLECTED ON: JUL 25, 2023
RECEIVED ON: JUL 25, 2023
BATCH/SAMPLE SIZE: 1736 UNITS / 13 UNITSS
AMPLED BY: BERNARD DEL CASTILLO
RECEIVED BY: COLE DRAPER
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW	
TOTAL THC:	71.4024 %
TOTAL CBD:	0 %
TOTAL CANNABINOIDS:	71.4024 %
SUM OF CANNABINOIDS:	81.4166 %

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
CBC		ND	ND	0.1920/0.6373	N/A
CBD		ND	ND	0.1872/0.6373	N/A
CBDA		ND	ND	0.1474/0.6373	N/A
CBDV		ND	ND	0.1643/0.6373	N/A
CBG		ND	ND	0.1786/0.6373	N/A
CBGA		ND	ND	0.2007/0.6373	N/A
CBN		ND	ND	0.1645/0.6373	N/A
Δ ⁹ -THC		ND	ND	0.1880/0.6373	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ ⁹ -THC		ND	ND	0.1920/0.6373	N/A
THCA		81.4166 %	814.166 mg/g	0.1729/0.6373	N/A
TOTAL THC**		71.4024 %	714.024 mg/g		N/A
TOTAL CBD**		ND	ND		N/A
CBD/PKG		ND			N/A
Δ ⁹ -THC/PKG	1100 mg	ND			PASS
TOTAL THC/PKG**		714.0240 mg			N/A
TOTAL CBD/PKG**		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)

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

REGULATORY COMPLIANCE TESTING

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

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	6.5060 %	65.060 mg/g		N/A	α-TERPINENE	ND	ND	138.8203/415.6080	N/A
β-CARYOPHYLLENE	2.3957 %	23.957 mg/g	166.5336/499.0926	N/A	β-MYRCENE	ND	ND	165.3358/495.4628	N/A
D-LIMONENE	1.1766 %	11.766 mg/g	157.4229/471.8693	N/A	CAMPHENE	ND	ND	105.0454/315.7895	N/A
CIS-NEROLIDOL	0.8565 %	8.565 mg/g	82.9583/248.6388	N/A	CIS-β-OCIMENE	ND	ND		N/A
α-HUMULENE	0.6593 %	6.593 mg/g	229.3829/687.8403	N/A	Δ ³ -CARENE	ND	ND	131.7241/395.6443	N/A
LINALOOL	0.5631 %	5.631 mg/g	280.5626/842.1053	N/A	γ-TERPINENE	ND	ND	86.5336/259.5281	N/A
(-)-α-BISABOLOL	0.3112 %	3.112 mg/g		N/A	GERANIOL	ND	ND	1084.3920/3254.0835	N/A
(-)-β-PINENE	0.2063 %	2.063 mg/g		N/A	GUAIOL	ND	ND	110.5808/332.1234	N/A
CARYOPHYLLENE OXIDE	0.1787 %	1.787 mg/g		N/A	P-CYMENE	ND	ND	115.2087/344.8276	N/A
(-)-ISOPULEGOL	0.1586 %	1.586 mg/g		N/A	TERPINOLENE	ND	ND	214.2287/642.4682	N/A
1,8-CINEOLE	ND	ND		N/A	TRANS-β-OCIMENE	ND	ND		N/A
α-PINENE	ND	ND	72.7405/217.7858	N/A	TRANS-NEROLIDOL	ND	ND	79.2559/237.7496	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	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0172/0.0520	PASS	IMAZALIL	Any amt	ND	0.0111/0.0337	PASS
ACEPHATE	0.1 µg/g	ND	0.0168/0.0509	PASS	IMIDACLOPRID	5 µg/g	ND	0.0152/0.0460	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.0244/0.0741	PASS	KREXOXIM-METHYL	0.1 µg/g	ND	0.0168/0.0508	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0055/0.0168	PASS	MALATHION	0.5 µg/g	ND	0.0084/0.0253	PASS
ALDICARB	Any amt	ND	0.0237/0.0716	PASS	METALAXYL	2 µg/g	ND	0.0078/0.0235	PASS
α-CYFLUTHRIN		ND	0.0482/0.1460	N/A	METHIOCARB	Any amt	ND	0.0074/0.0225	PASS
α-CYPERMETHRIN		ND	0.0140/0.0424	N/A	METHOMYL	1 µg/g	ND	0.0060/0.0180	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.0068/0.0205	PASS	METHYL PARATHION	Any amt	ND	0.0063/0.0192	PASS
β-CYFLUTHRIN		ND	0.0659/0.1997	N/A	MEVINPHOS	Any amt	ND	0.0069/0.0208	PASS
β-CYPERMETHRIN		ND	0.0291/0.0881	N/A	MYCLOBUTANIL	0.1 µg/g	ND	0.0099/0.0301	PASS
BIFENAZATE	0.1 µg/g	ND	0.0071/0.0214	PASS	NALED	0.1 µg/g	ND	0.0101/0.0305	PASS
BIFENTHRIN	3 µg/g	ND	0.0130/0.0395	PASS	OXAMYL	0.5 µg/g	ND	0.0104/0.0315	PASS
BOSCALID	0.1 µg/g	ND	0.0089/0.0269	PASS	PACLOBUTRAZOL	Any amt	ND	0.0088/0.0268	PASS
CAPTAN	0.7 µg/g	ND	0.0018/0.0055	PASS	PERMETHRIN	0.5 µg/g	ND	0.0130/0.0393	PASS
CARBARYL	0.5 µg/g	ND	0.0062/0.0188	PASS	PHOSMET	0.1 µg/g	ND	0.0086/0.0261	PASS
CARBOFURAN	Any amt	ND	0.0056/0.0169	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.0106/0.0320	PASS
CHLORANTRANILIPROLE	10 µg/g	ND	0.0096/0.0289	PASS	PRALLETHRIN	0.1 µg/g	ND	0.0217/0.0659	PASS
CHLORPYRIFOS	Any amt	ND	0.0138/0.0419	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0136/0.0413	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0129/0.0391	PASS	PROPOXUR	Any amt	ND	0.0055/0.0167	PASS
COUMAPHOS	Any amt	ND	0.0171/0.0518	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
CYFLUTHRIN	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.0305/0.0925	N/A
CYPERMETHRIN	1 µg/g	ND		PASS	PYRETHRINS PYRETHRIN II		ND	0.0418/0.1265	N/A
DAMINOZIDE	Any amt	ND	0.0196/0.0594	PASS	PYRIDABEN	0.1 µg/g	ND	0.0067/0.0202	PASS
DIAZINON	0.1 µg/g	ND	0.0090/0.0273	PASS	SPINETORAM	0.1 µg/g	ND		PASS
DICHLORVOS	Any amt	ND	0.0110/0.0333	PASS	SPINETORAM J		ND	0.0157/0.0474	N/A
DIMETHOATE	Any amt	ND	0.0080/0.0242	PASS	SPINETORAM L		ND	0.0174/0.0527	N/A
DIMETHOMORPH	2 µg/g	ND	0.0150/0.0456	PASS	SPINOSAD	0.1 µg/g	ND		PASS
ETHOPROPHOS	Any amt	ND	0.0091/0.0276	PASS	SPINOSAD A		ND	0.0105/0.0318	N/A
ETOFENPROX	Any amt	ND	0.0077/0.0233	PASS	SPINOSAD D		ND	0.0229/0.0692	N/A
ETOXAZOLE	0.1 µg/g	ND	0.0071/0.0214	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.0120/0.0363	PASS
FENHEXAMID	0.1 µg/g	ND	0.0208/0.0630	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.0075/0.0226	PASS
FENOXYCARB	Any amt	ND	0.0095/0.0288	PASS	SPIROXAMINE	Any amt	ND	0.0062/0.0188	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.0107/0.0325	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.0127/0.0385	PASS
FIPRONIL	Any amt	ND	0.0109/0.0330	PASS	THIACLOPRID	Any amt	ND	0.0084/0.0255	PASS
FLONICAMID	0.1 µg/g	ND	0.0089/0.0269	PASS	THIAMETHOXAM	5 µg/g	ND	0.0101/0.0305	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.0287/0.0869	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.0198/0.0600	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.0073/0.0222	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	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORDANE	Any amt	ND		PASS	CHLORFENAPYR	Any amt	ND	0.0023/0.0820	PASS
CHLORDANE CIS		ND	0.0010/0.0800	N/A	PENTACHLORONITROBENZENE	0.1 µg/g	ND	0.0017/0.0800	PASS
CHLORDANE TRANS		ND	0.0010/0.0800	N/A					

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

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS	ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS	SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	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	ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.5000/4.5546	N/A	AFLATOXIN G2		ND	1.9091/5.7546	N/A
AFLATOXIN B2		ND	1.9364/5.8364	N/A	AFLATOXINS	20 µg/kg	ND		PASS
AFLATOXIN G1		ND	2.5636/7.7727	N/A	OCHRATOXIN A	20 µg/kg	ND	5.4818/16.6091	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	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.04769/0.14500	PASS	LEAD	0.5 µg/g	ND	0.03038/0.09154	PASS
CADMIUM	0.2 µg/g	ND	0.01654/0.05000	PASS	MERCURY	0.1 µg/g	ND	0.02077/0.06231	PASS

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

ANALYTE	LIMIT	AMT (%)	PASS/FAIL	ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS	MOLD	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	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	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	2.2491/7.4395	PASS	HEXANE	290 µg/g	ND	157.8374/580.5363	PASS
ACETONE	5000 µg/g	ND	182.8720/580.5363	PASS	ISOPROPYL ALCOHOL	5000 µg/g	ND	167.0761/580.5363	PASS
ACETONITRILE	410 µg/g	ND	162.8028/580.5363	PASS	METHANOL	3000 µg/g	ND	125.4671/464.4204	PASS
BENZENE	1 µg/g	ND	2.2491/7.4395	PASS	METHYLENE CHLORIDE	1 µg/g	ND	3.3910/11.6090	PASS
BUTANE	5000 µg/g	ND	175.2076/580.5363	PASS	PENTANE	5000 µg/g	ND	217.9066/725.6574	PASS
CHLOROFORM	1 µg/g	ND	2.4914/9.2820	PASS	PROPANE	5000 µg/g	ND	220.2768/725.6574	PASS
ETHANOL	5000 µg/g	ND	168.7024/580.5363	PASS	TOLUENE	890 µg/g	ND	131.2976/464.4204	PASS
ETHYL ACETATE	5000 µg/g	ND	128.5986/464.4204	PASS	TRICHLOROETHYLENE	1 µg/g	ND	2.4048/7.4395	PASS
ETHYLENE OXIDE	1 µg/g	ND	3.4083/11.6090	PASS	O-XYLENE		ND	66.2111/231.8339	N/A
ETHYL ETHER	5000 µg/g	ND	180.3460/580.5363	PASS	P- AND M-XYLENE		ND	68.7543/231.8339	N/A
HEPTANE	5000 µg/g	ND	151.5917/464.4204	PASS	TOTAL XYLENES	2170 µg/g	ND		PASS