

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 27, 2023

SAMPLE: RUNTZ RED POP (FLOWER) // CLIENT: GLOBE FARMACY // BATCH: PASS



BATCH NO.: 122222R21-RRP
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: TLT-230119-023
COLLECTED ON: JAN 19, 2023
RECEIVED ON: JAN 19, 2023
BATCH/SAMPLE SIZE: 1 LBS / 10 G
RECEIVED BY: RAUL MANUEL MORALES JR

CANNABINOID OVERVIEW

TOTAL THC:	26.331 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	30.495 %

BATCH RESULT: PASS

POTENCY	TESTED
METALS	PASS
MICROBIAL	PASS
PESTICIDES	PASS
TERPENES	TESTED

SOP 50: CANNABINOID PROFILE BY HPLC-MS // JAN 27, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBD		ND	ND	0.283/0.849		Δ ⁹ -THC	0.337 %	3.37 mg/g		0.283/0.849	
CBDA	< LOQ	< LOQ		0.283/0.849		THCA	29.640 %	296.40 mg/g		3.140/9.419	
CBG	< LOQ	< LOQ		0.283/0.849		TOTAL THC**	26.331 %	263.31 mg/g			
CBN		ND	ND	0.283/0.849		TOTAL CBD**	< LOQ	< LOQ			
Δ ⁸ -THC		ND	ND								

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

SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // JAN 27, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ	PASS/FAIL
CBC		ND	ND			CBGA	0.225 %	2.25 mg/g			
CBCA	0.293 %		2.93 mg/g								

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

: TERPENES BY GC-MS // JAN 23, 2023

ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
TOTAL TERPENES	0.799 %	7.99 mg/g			CARVACROL	ND	ND		
β-MYRCENE	0.274 %	2.74 mg/g			CEDROL	ND	ND		
D-LIMONENE	0.188 %	1.88 mg/g			CITRONELLOL	ND	ND		
β-CARYOPHYLLENE	0.144 %	1.44 mg/g			EUCALYPTOL	ND	ND		
LINALOOL	0.039 %	0.39 mg/g			FARNESOL	ND	ND		
(-)-β-PINENE	0.036 %	0.36 mg/g			γ-TERPINENE	ND	ND		
α-HUMULENE	0.036 %	0.36 mg/g			GERANIOL	ND	ND		
SABINENE HYDRATE	0.022 %	0.22 mg/g			GERANYL ACETATE	ND	ND		
α-PINENE	0.020 %	0.20 mg/g			ISOBORNEOL	ND	ND		
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.016 %	0.16 mg/g			M-CYMENE	ND	ND		
α-TERPINEOL	0.013 %	0.13 mg/g			MENTHOL	ND	ND		
VALENCENE	0.011 %	0.11 mg/g			NEROL	ND	ND		
(+)-BORNEOL		ND	ND		NEROLIDOL	ND	ND		
(-)-α-BISABOLOL		ND	ND		O-CYMENE	ND	ND		

REGULATORY COMPLIANCE TESTING

(-)-BORNEOL	ND	ND
(-)-CARYOPHYLLENE OXIDE	ND	ND
(-)-GUAJOL	ND	ND
(-)-ISOPULEGOL	ND	ND
(1S)-(+)-3-CARENE	ND	ND
α-CEDRENE	ND	ND
α-PHELLANDRENE	ND	ND
α-TERPINENE	ND	ND
CAMPHENE	ND	ND
CAMPHOR	ND	ND

OCIMENE	ND	ND
P-ISOPROPYLTOLUENE (P-CYMENE)	ND	ND
PHYTANE	ND	ND
SABINENE	ND	ND
SQUALENE	ND	ND
TERPINEN-4-OL	ND	ND
TERPINOLENE	ND	ND
THYMOL	ND	ND
TRANS-β-FARNESENE	ND	ND



RESULTS CERTIFIED BY: WILLIAM ENGLISH
 LAB DIRECTOR, TITAN LABORATORIES
 JAN 27, 2023

W.A. English



SOP 60: PESTICIDES BY LC-MS/MS // JAN 25, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND		PASS	HEXYTHIAZOX	1 µg/g	ND		PASS
ACEPHATE	0.4 µg/g	ND		PASS	IMAZALIL	0.2 µg/g	ND		PASS
ACEQUINOCYL	2 µg/g	ND		PASS	IMIDACLOPRID	0.4 µg/g	ND		PASS
ACETAMIPRID	0.2 µg/g	ND		PASS	KRESOXIM-METHYL	0.4 µg/g	ND		PASS
ALDICARB	0.4 µg/g	ND		PASS	MALATHION	0.2 µg/g	ND		PASS
AZOXYSTROBIN	0.2 µg/g	ND		PASS	METALAXYL	0.2 µg/g	ND		PASS
BIFENAZATE	0.2 µg/g	ND		PASS	METHIOCARB	0.2 µg/g	ND		PASS
BIFENTHRIN	0.2 µg/g	ND		PASS	METHOMYL	0.4 µg/g	ND		PASS
BOSCALID	0.4 µg/g	ND		PASS	MYCLOBUTANIL	0.2 µg/g	ND		PASS
CARBARYL	0.2 µg/g	ND		PASS	NALED	0.5 µg/g	ND		PASS
CARBOFURAN	0.2 µg/g	ND		PASS	OXAMYL	1 µg/g	ND		PASS
CHLORANTRANILIPROLE	0.2 µg/g	ND		PASS	PACLOBUTRAZOL	0.4 µg/g	ND		PASS
CHLORFENAPYR	1 µg/g	ND		PASS	PERMETHRIN	0.2 µg/g	ND		PASS
CHLORPYRIFOS	0.2 µg/g	ND		PASS	PHOSMET	0.2 µg/g	ND		PASS
CLOFENTEZINE	0.2 µg/g	ND		PASS	PIPERONYLBUTOXIDE	2 µg/g	ND		PASS
CYFLUTHRIN	1 µg/g	ND		PASS	PRALLETHRIN	0.2 µg/g	ND		PASS
CYPERMETHRIN	1 µg/g	ND		PASS	PROPICONAZOLE	0.4 µg/g	ND		PASS
DAMINOZIDE	1 µg/g	ND		PASS	PROPOXUR	0.2 µg/g	ND		PASS
DIAZINON	0.2 µg/g	ND		PASS	PYRETHRINS	1 µg/g	ND		PASS
DICHLORVOS	0.1 µg/g	ND		PASS	PYRIDABEN	0.2 µg/g	ND		PASS
DIMETHOATE	0.2 µg/g	ND		PASS	SPINOSAD	0.2 µg/g	ND		PASS
ETHOPROPHOS	0.2 µg/g	ND		PASS	SPIROMESIFEN	0.2 µg/g	ND		PASS
ETOFENPROX	0.4 µg/g	ND		PASS	SPIROTETRAMAT	0.2 µg/g	ND		PASS
ETOXAZOLE	0.2 µg/g	ND		PASS	SPIROXAMINE	0.4 µg/g	ND		PASS
FENOXYCARB	0.2 µg/g	ND		PASS	TEBUCONAZOLE	0.4 µg/g	ND		PASS
FENPYROXIMATE	0.4 µg/g	ND		PASS	THIACLOPRID	0.2 µg/g	ND		PASS
FIPRONIL	0.4 µg/g	ND		PASS	THIAMETHOXAM	0.2 µg/g	ND		PASS
FLONICAMID	1 µg/g	ND		PASS	TRIFLOXYSTROBIN	0.2 µg/g	ND		PASS
FLUDIOXONIL	0.4 µg/g	ND		PASS					

TITAN LABORATORIES



SOP 121: SALMONELLA BY BAX Q7 QPCR // JAN 24, 2023

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

SOP 160: ASPERGILLUS BY GENE-UP QPCR // JAN 23, 2023

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

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

SOP 130: E. COLI BY 3M PETRIFILM // JAN 23, 2023

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ESCHERICHIA COLI	100 CFU/g	ND	PASS

SOP 70: HEAVY METALS BY ICP-MS // JAN 27, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
ARSENIC	0.4 µg/g	ND		PASS
CADMIUM	0.4 µg/g	ND		PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ	PASS/FAIL
LEAD	1 µg/g	ND		PASS
MERCURY	1.2 µg/g	ND		PASS

