

REGULATORY COMPLIANCE TESTING



FLOWER SCIENTIFIC LABS // 1145 W FAIRMONT DRIVE, STE B TEMPE AZ 85282 // PH: 480-690-9119

AZ LICENSE #: 0000030LRCVG81379529

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 14, 2023

SAMPLE: GUAVA X PAPAYA BULK LIVE ROSIN (CONCENTRATE) // CLIENT: MMJ APOTHECARY DBA: FLOWER LAUNCH // BATCH: PASS



BATCH NO.: 7519 9154 5274 2007
CULTIVAR: GUAVA X PAPAYA
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: FSL-231106-003
COLLECTED ON: NOV 06, 2023 14:19:40
RECEIVED ON: NOV 06, 2023 14:19:40
BATCH/SAMPLE SIZE: 303 G / 8.5 G
RECEIVED BY: EMPLOYEE ID
 #1692123LAVL636484468

CANNABINOID OVERVIEW

TOTAL THC: 68.0 %
TOTAL CBD: 0.00 %
TOTAL CANNABINOIDS: 79.27 %

MANUFACTURER INFO

MANUFACTURER
 MMJ APOTHECARY
 7655 E EVANS RD
 SCOTTSDALE, AZ 85260

LICENSE
 00000062DCAY00861940
 ADULT-USE AND MEDICINAL -
 CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 MMJ APOTHECARY
 7655 E EVANS RD
 SCOTTSDALE, AZ 85260

LICENSE
 00000062DCAY00861940
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BATCH RESULT: PASS

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

CANNABINOIDS BY HPLC-DAD // NOV 07, 2023

ANALYTE	LOD/LOQ (mg/g)	ACTION LIMIT	RESULT	RESULT	STATUS (PASS/FAIL)	QUALIFIERS
THCA	0.00500/0.0100		75.3 %	753 mg/g	N/A	
Δ ⁹ -THC	0.00500/0.0100		1.95 %	19.5 mg/g	N/A	
CBGA	0.00500/0.0100		1.41 %	14.1 mg/g	N/A	
CBG	0.00500/0.0100		0.610 %	6.10 mg/g	N/A	
CBC	0.00500/0.0100		ND	ND	N/A	
CBD	0.00500/0.0100		ND	ND	N/A	
CBDA	0.00500/0.0100		ND	ND	N/A	
CBN	0.00500/0.0100		ND	ND	N/A	
Δ ⁸ -THC	0.00500/0.0100		ND	ND	N/A	
THCV	0.00500/0.0100		ND	ND	N/A	V1
TOTAL THC**			68.0 %	680 mg/g	N/A	
TOTAL CBD**			ND	ND	N/A	

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

RESULTS CERTIFIED BY: AUSTIN ABNEY
 LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE
 NOV 14, 2023

RESULTS CERTIFIED BY: GREGORY FRASCO
 LABORATORY DIRECTOR / DIRECTOR OF OPERATIONS
 NOV 14, 2023



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TERPENES BY GC-MS // NOV 14, 2023

ANALYTE	LOD/LOQ (mg/g)	RESULT	RESULT	QUALIFIERS
TOTAL TERPENES		6.07 %	60.7 mg/g	
β-MYRCENE	0.0405/0.303	2.70 %	27.0 mg/g	Q3
D-LIMONENE	0.0382/0.303	1.36 %	13.6 mg/g	Q3
β-CARYOPHYLLENE	0.0270/0.303	0.682 %	6.82 mg/g	Q3
LINALOOL	0.0348/0.303	0.373 %	3.73 mg/g	Q3
α-HUMULENE	0.0326/0.303	0.253 %	2.53 mg/g	Q3
β-OCIMENE	0.0449/0.303	0.199 %	1.99 mg/g	Q3
β-PINENE	0.0371/0.303	0.191 %	1.91 mg/g	Q3
α-PINENE	0.0460/0.303	0.130 %	1.30 mg/g	Q3
GUAJOL	0.0326/0.303	0.0758 %	0.758 mg/g	Q3
TERPINOLENE	0.0348/0.303	0.0375 %	0.375 mg/g	Q3
NEROLIDOL 2	0.0337/0.303	0.0370 %	0.370 mg/g	Q3
CAMPHENE	0.0449/0.303	0.0354 %	0.354 mg/g	Q3
α-TERPINENE	0.0337/0.303	ND	ND	Q3
Δ ³ -CARENE	0.0483/0.303	ND	ND	Q3
EUCALYPTOL	0.0315/0.303	ND	ND	Q3
γ-TERPINENE	0.0348/0.303	ND	ND	Q3
GERANIOL	0.0360/0.303	ND	ND	Q3
ISOPULEGOL	0.0393/0.303	ND	ND	Q3
NEROLIDOL 1	0.0303/0.303	ND	ND	Q3
P-CYMENE	0.0360/0.303	ND	ND	Q3
(-)-α-BISABOLOL	0.0258/0.303	< LOQ	< LOQ	Q3

MICROBIALS BY PCR/3M PETRIFILM // NOV 10, 2023

ANALYTE	ACTION LIMIT	RESULT	STATUS (PASS/FAIL)	QUALIFIERS
ASPERGILLUS FLAVUS	Any amt in 1 gram	Not Detected in 1 gram	PASS	
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	Not Detected in 1 gram	PASS	
ASPERGILLUS NIGER	Any amt in 1 gram	Not Detected in 1 gram	PASS	
ASPERGILLUS TERREUS	Any amt in 1 gram	Not Detected in 1 gram	PASS	
ESCHERICHIA COLI	100 CFU/g	0 CFU/g	PASS	
SALMONELLA SPP.	Any amt in 1 gram	Not Detected in 1 gram	PASS	

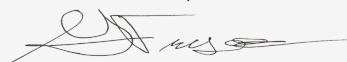
MYCOTOXINS BY LC-MS/MS // NOV 06, 2023

ANALYTE	LOD/LOQ (µg/kg)	ACTION LIMIT	RESULT (µg/kg)	STATUS (PASS/FAIL)	QUALIFIERS
AFLATOXIN B1	5.00/10.0		ND	N/A	
AFLATOXIN B2	5.00/10.0		ND	N/A	
AFLATOXIN G1	5.00/10.0		ND	N/A	
AFLATOXIN G2	5.00/10.0		ND	N/A	
AFLATOXINS		20 µg/kg	ND	PASS	
OCHRATOXIN A	5.00/10.0	20 µg/kg	ND	PASS	

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 LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE
 NOV 14, 2023



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PESTICIDES BY LC-MS/MS // NOV 06, 2023

ANALYTE	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)	QUALIFIERS
ABAMECTIN		0.5 µg/g	ND	PASS	
ABAMECTIN BA	0.125/0.250		ND	N/A	
ACEPHATE	0.100/0.200	0.4 µg/g	ND	PASS	
ACEQUINOCYL	0.550/1.00	2 µg/g	ND	PASS	
ACETAMIPRID	0.0500/0.100	0.2 µg/g	ND	PASS	
ALDICARB	0.100/0.200	0.4 µg/g	ND	PASS	
AZOXYSTROBIN	0.0500/0.100	0.2 µg/g	ND	PASS	
BIFENAZATE	0.0500/0.100	0.2 µg/g	ND	PASS	
BIFENTHRIN	0.0500/0.100	0.2 µg/g	ND	PASS	
BOSCALID	0.100/0.200	0.4 µg/g	ND	PASS	
CARBARYL	0.0500/0.100	0.2 µg/g	ND	PASS	
CARBOFURAN	0.0500/0.100	0.2 µg/g	ND	PASS	
CHLORANTRANILIPROLE	0.0500/0.100	0.2 µg/g	ND	PASS	
CHLORFENAPYR	0.250/0.500	1 µg/g	ND	PASS	
CHLORPYRIFOS	0.0100/0.100	0.2 µg/g	ND	PASS	
CLOFENTEZINE	0.0100/0.100	0.2 µg/g	ND	PASS	
CYFLUTHRIN	0.250/0.500	1 µg/g	ND	PASS	
CYPERMETHRIN	0.250/0.500	1 µg/g	ND	PASS	
DAMINOZIDE	0.250/0.500	1 µg/g	ND	PASS	V1
DIAZINON	0.0500/0.100	0.2 µg/g	ND	PASS	
DICHLORVOS	0.0250/0.0500	0.1 µg/g	ND	PASS	
DIMETHOATE	0.0500/0.100	0.2 µg/g	ND	PASS	
ETHOPROPHOS	0.0500/0.100	0.2 µg/g	ND	PASS	
ETOFENPROX	0.100/0.200	0.4 µg/g	ND	PASS	
ETOXAZOLE	0.0500/0.100	0.2 µg/g	ND	PASS	
FENOXYCARB	0.0500/0.100	0.2 µg/g	ND	PASS	
FENPYROXIMATE	0.100/0.200	0.4 µg/g	ND	PASS	
FIPRONIL	0.100/0.200	0.4 µg/g	ND	PASS	
FLONICAMID	0.250/0.500	1 µg/g	ND	PASS	
FLUDIOXONIL	0.100/0.200	0.4 µg/g	ND	PASS	
HEXYTHIAZOX	0.250/0.500	1 µg/g	ND	PASS	
IMAZALIL	0.0500/0.100	0.2 µg/g	ND	PASS	
IMIDACLOPRID	0.100/0.200	0.4 µg/g	ND	PASS	
KRESOXIM-METHYL	0.100/0.200	0.4 µg/g	ND	PASS	
MALATHION	0.0500/0.100	0.2 µg/g	ND	PASS	
METALAXYL	0.0500/0.100	0.2 µg/g	ND	PASS	
METHIOCARB	0.0500/0.100	0.2 µg/g	ND	PASS	
METHOMYL	0.100/0.200	0.4 µg/g	ND	PASS	
MYCLOBUTANIL	0.0500/0.100	0.2 µg/g	ND	PASS	
NALED	0.100/0.200	0.5 µg/g	ND	PASS	
OXAMYL	0.200/0.400	1 µg/g	ND	PASS	
PACLOBUTRAZOL	0.100/0.200	0.4 µg/g	ND	PASS	
PERMETHRIN	0.0500/0.100	0.2 µg/g	ND	PASS	
PHOSMET	0.0500/0.100	0.2 µg/g	ND	PASS	
PIPERONYLBUTOXIDE	0.500/1.00	2 µg/g	ND	PASS	
PRALLETHRIN	0.0500/0.100	0.2 µg/g	ND	PASS	
PROPICONAZOLE	0.100/0.200	0.4 µg/g	ND	PASS	
PROPOXUR	0.0500/0.100	0.2 µg/g	ND	PASS	
PYRETHRINS		1 µg/g	ND	PASS	
PYRETHRINS CINERIN I	0.250/0.500		ND	N/A	
PYRETHRINS JASMOLIN I	0.250/0.500		ND	N/A	
PYRETHRINS PYRETHRIN I	0.250/0.500		ND	N/A	
PYRETHRINS PYRETHRIN II	0.250/0.500		ND	N/A	
PYRIDABEN	0.0500/0.100	0.2 µg/g	ND	PASS	
SPINOSAD		0.2 µg/g	ND	PASS	
SPINOSAD A	0.0500/0.100		ND	N/A	
SPINOSAD D	0.0500/0.100		ND	N/A	
SPIROMESIFEN	0.0500/0.100	0.2 µg/g	ND	PASS	
SPIROTETRAMAT	0.0500/0.100	0.2 µg/g	ND	PASS	
SPIROXAMINE	0.100/0.200	0.4 µg/g	ND	PASS	
TEBUCONAZOLE	0.100/0.200	0.4 µg/g	ND	PASS	
THIACLOPRID	0.0500/0.100	0.2 µg/g	ND	PASS	
THIAMETHOXAM	0.0500/0.100	0.2 µg/g	ND	PASS	
TRIFLOXYSTROBIN	0.0500/0.100	0.2 µg/g	ND	PASS	

RESULTS CERTIFIED BY: AUSTIN ABNEY

LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE

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HEAVY METALS BY ICP-MS // NOV 07, 2023

ANALYTE	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)	QUALIFIERS
ARSENIC	0.100/0.200	0.4 µg/g	ND	PASS	
CADMIUM	0.100/0.200	0.4 µg/g	ND	PASS	V1
LEAD	0.250/0.500	1 µg/g	ND	PASS	
MERCURY	0.0500/0.100	0.2 µg/g	ND	PASS	

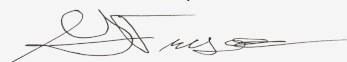
RESIDUAL SOLVENTS BY GC-MS // NOV 09, 2023

ANALYTE	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)	QUALIFIERS
2,2-DIMETHYLBUTANE	15.2/145		ND	N/A	
2,3-DIMETHYLBUTANE	12.9/145		ND	N/A	
2-METHYLPENTANE	13.3/145		ND	N/A	
3-METHYLPENTANE	16.3/145		ND	N/A	
ACETONE	43.8/483	1000 µg/g	ND	PASS	
ACETONITRILE	16.0/193	410 µg/g	< LOQ	PASS	
BENZENE	0.251/0.967	2 µg/g	ND	PASS	L1, R1
BUTANE	208/2420		ND	N/A	
BUTANES		5000 µg/g	ND	PASS	
CHLOROFORM	1.76/29.0	60 µg/g	ND	PASS	L1, R1
DICHLOROMETHANE	25.8/290	600 µg/g	ND	PASS	
ETHANOL	158/2420	5000 µg/g	ND	PASS	
ETHYL ACETATE	220/2420	5000 µg/g	ND	PASS	
ETHYLBENZENE	54.2/1060		ND	N/A	
ETHYL ETHER	238/2420	5000 µg/g	ND	PASS	
HEPTANE	260/2420	5000 µg/g	ND	PASS	
HEXANE	14.5/145		ND	N/A	
HEXANES		290 µg/g	ND	PASS	
ISOBUTANE	208/2420		ND	N/A	
ISOPENTANE	226/2420		ND	N/A	
ISOPROPYL ACETATE	217/2420	5000 µg/g	ND	PASS	
ISOPROPYL ALCOHOL	190/2420	5000 µg/g	< LOQ	PASS	
METHANOL	110/1450	3000 µg/g	ND	PASS	
NEOPENTANE	215/2420		ND	N/A	
PENTANE	214/2420		ND	N/A	
PENTANES		5000 µg/g	ND	PASS	
TOLUENE	32.0/435	890 µg/g	ND	PASS	
O-XYLENE	40.2/1060		ND	N/A	
P- AND M-XYLENE	71.6/2130		ND	N/A	
TOTAL XYLENES		2170 µg/g	ND	PASS	

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