



CERTIFICATE OF ANALYSIS

PRODUCED: NOV 03, 2023

SAMPLE: GREASY RTZ LIVE HASH ROSIN 1G (CONCENTRATE) // **CLIENT:** LIFE CHANGERS INVESTMENTS LLC DBA: SOLVENTLESS REFINERY // **BATCH:** PASS



BATCH NO.: GRT080323
CULTIVAR: GREASY RTZ
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: FSL-231030-003
COLLECTED ON: OCT 30, 2023 15:15:45
RECEIVED ON: OCT 30, 2023 15:15:45
BATCH/SAMPLE SIZE: 235 G / 12 G
RECEIVED BY: EMPLOYEE ID #1692123LAVL636484468

CANNABINOID OVERVIEW	
THCA:	71.0 %
CBC:	0.00 %
TOTAL CANNABINOIDS:	62.3 %
SUM OF CANNABINOIDS:	71 %

MANUFACTURER INFO

MANUFACTURER
 LIFE CHANGERS INVESTMENTS LLC
 2715 SOUTH HARDY DRIVE
 TEMPE, AZ 85282

LICENSE
 0000156ESTDP70697204
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 LIFE CHANGERS INVESTMENTS LLC
 2715 SOUTH HARDY DRIVE
 TEMPE, AZ 85282

LICENSE
 0000156ESTDP70697204
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

BATCH RESULT: PASS

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

CANNABINOIDS BY HPLC-DAD // NOV 01, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (mg/g)	ACTION LIMIT	RESULT	RESULT	STATUS (PASS/FAIL)
THCA		5.58/78.5		71.0 %	710 mg/g	N/A
CBC		5.39/78.5		ND	ND	N/A
CBD		5.46/78.5		ND	ND	N/A
CBDA		5.27/78.5		ND	ND	N/A
CBG		16.4/78.5		ND	ND	N/A
CBGA		5.40/78.5		ND	ND	N/A
CBN		5.35/78.5		ND	ND	N/A
Δ ⁸ -THC		5.26/78.5		ND	ND	N/A
THCV		5.44/78.5		ND	ND	N/A
Δ ⁹ -THC		5.39/78.5		< LOQ	< LOQ	N/A
TOTAL THC**				62.3 %	623 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 03, 2023

RESULTS CERTIFIED BY: GREGORY FRASCO
 LABORATORY DIRECTOR / DIRECTOR OF OPERATIONS
 NOV 03, 2023



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TERPENES BY GC-MS // NOV 02, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (mg/g)	RESULT	RESULT	
TOTAL TERPENES			5.95 %	59.5 mg/g	
D-LIMONENE		0.0773/0.613	2.09 %	20.9 mg/g	
β-CARYOPHYLLENE		0.0546/0.613	1.58 %	15.8 mg/g	
β-MYRCENE		0.0819/0.613	0.996 %	9.96 mg/g	
LINALOOL		0.0705/0.613	0.589 %	5.89 mg/g	
β-PINENE		0.0750/0.613	0.317 %	3.17 mg/g	
α-PINENE		0.0932/0.613	0.226 %	2.26 mg/g	
NEROLIDOL 2		0.0682/0.613	0.0944 %	0.944 mg/g	
CAMPHENE		0.0909/0.613	0.0622 %	0.622 mg/g	
α-TERPINENE		0.0682/0.613	ND	ND	
Δ ³ -CARENE		0.0977/0.613	ND	ND	
EUCALYPTOL		0.0637/0.613	ND	ND	
γ-TERPINENE		0.0705/0.613	ND	ND	
GUAJOL		0.0659/0.613	ND	ND	
ISOPULEGOL		0.0796/0.613	ND	ND	
P-CYMENE		0.0728/0.613	ND	ND	
(-)-α-BISABOLOL		0.0523/0.613	< LOQ	< LOQ	
α-HUMULENE		0.0659/0.613	< LOQ	< LOQ	
β-OCIMENE		0.0909/0.613	< LOQ	< LOQ	
GERANIOL		0.0728/0.613	< LOQ	< LOQ	
NEROLIDOL 1		0.0614/0.613	< LOQ	< LOQ	
TERPINOLENE		0.0705/0.613	< LOQ	< LOQ	

MICROBIALS BY PCR/3M PETRIFILM // NOV 02, 2023

ANALYTE	QUALIFIERS	ACTION LIMIT	RESULT	STATUS (PASS/FAIL)
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 01, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/kg)	ACTION LIMIT	RESULT (µg/kg)	STATUS (PASS/FAIL)
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

PESTICIDES BY LC-MS/MS // OCT 31, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)
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		0.500/1.00	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		0.0500/0.100	0.2 µg/g	ND	PASS
CLOFENTEZINE		0.0500/0.100	0.2 µg/g	ND	PASS
CYFLUTHRIN		0.200/0.500	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
DIAZINON		0.0500/0.100	0.2 µg/g	ND	PASS

RESULTS CERTIFIED BY: AUSTIN ABNEY

LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE
NOV 03, 2023

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LABORATORY DIRECTOR / DIRECTOR OF OPERATIONS
NOV 03, 2023



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REGULATORY COMPLIANCE TESTING

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

HEAVY METALS BY ICP-MS // NOV 03, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)
ARSENIC		0.100/0.200	0.4 µg/g	ND	PASS
CADMIUM		0.100/0.200	0.4 µg/g	ND	PASS
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 02, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)
2,2-DIMETHYLBUTANE		15.7/150		ND	N/A
2,3-DIMETHYLBUTANE		13.3/150		ND	N/A
2-METHYLPENTANE		13.8/150		ND	N/A
3-METHYLPENTANE		16.8/150		ND	N/A
ACETONE		45.3/500	1000 µg/g	ND	PASS
ACETONITRILE		16.6/200	410 µg/g	< LOQ	PASS
BENZENE		0.260/1.00	2 µg/g	ND	PASS
BUTANE		215/2500		ND	N/A
BUTANES			5000 µg/g	ND	PASS
CHLOROFORM		1.82/30.0	60 µg/g	ND	PASS
DICHLOROMETHANE		26.6/300	600 µg/g	ND	PASS
ETHANOL		164/2500	5000 µg/g	ND	PASS
ETHYL ACETATE		227/2500	5000 µg/g	ND	PASS
ETHYLBENZENE		56.1/1100		ND	N/A
ETHYL ETHER		246/2500	5000 µg/g	ND	PASS

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LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE

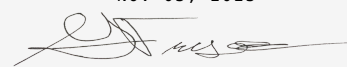
NOV 03, 2023



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LABORATORY DIRECTOR / DIRECTOR OF OPERATIONS

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REGULATORY COMPLIANCE TESTING

HEPTANE	269/2500	5000 µg/g	ND	PASS
HEXANE	15.0/150		ND	N/A
HEXANES		290 µg/g	ND	PASS
ISOBUTANE	216/2500		ND	N/A
ISOPENTANE	234/2500		ND	N/A
ISOPROPYL ACETATE	224/2500	5000 µg/g	ND	PASS
ISOPROPYL ALCOHOL	197/2500	5000 µg/g	ND	PASS
METHANOL	113/1500	3000 µg/g	ND	PASS
NEOPENTANE	223/2500		ND	N/A
PENTANE	221/2500		ND	N/A
PENTANES		5000 µg/g	ND	PASS
TOLUENE	33.0/450	890 µg/g	ND	PASS
O-XYLENE	41.6/1100		ND	N/A
P- AND M-XYLENE	74.0/2200		ND	N/A
TOTAL XYLENES		2170 µg/g	ND	PASS



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