



Certificate of Analysis

PASSED



Harvest/Lot ID: MOSO250922-1-5A2
Batch #: MOSO250922-1-5A2
Production Method: Cured
Servings: 1
Metric Package #: 1A40A030000012E000108123
Metric Source Package #: 1A40A030000012E000108122

Lab ID: NA51009002-003
Ordered: 10/09/25
Sampled Date: 10/09/25
Sample Size: 8 gram
Completed: 10/14/25
Manifest #: 0003049257











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SAFETY RESULTS

MISC.

 Pesticide PASSED	 Heavy Metals PASSED	 Microbial PASSED	 Mycotoxins PASSED	 Solvents NOT TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture Content NOT TESTED	 Vitamin E NOT TESTED	 Terpenes TESTED
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Cannabinoid

PASSED



Total THC
25.5066%



Total CBD
ND



Total Cannabinoids
29.9773%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBN	CBG	THCVA	CBGA	THCV	CBDV	CBC	D8-THC
%	29.9773	26.3275	25.5066	ND	28.7374	0.3040	ND	ND	ND	ND	0.1413	0.7947	ND	ND	ND	ND
mg/g	299.7727	263.2745	255.0661	ND	287.3735	3.0395	ND	ND	ND	ND	1.4130	7.9466	ND	ND	ND	ND
LOD	0.1	0.0001	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
LOQ	0.1	0.001	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
990, 1172

Weight:
0.2024g

Extraction date:
10/12/25 11:03:31

Extracted by:
735,1280

Analysis Method : SOP.T.30.031, SOP.T.40.031

Analytical Batch : NA021882POT

Instrument Used : NA-HPLC-003 (Potency - Flower)

Analyzed Date : 10/13/25 20:18:18

Batch Date : 10/10/25 09:25:18

Dilution : 400

Reagent : 100724.01; 100325.12; 030725.01; 082225.02; 071525.R14; 071525.R15; 100125.R05; 100125.R06; 091025.R03

Consumables : 050925CK01; 9291.043; 9479291.023; 030125CH01; 04411066; 1008646012; 1008855823; 210118R; 220215E-15; GD25001; 338069094

Pipette : NA-221 (P-10); NA-135 (P-200); NA-329 (Step)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA*0.877). Total CBD = CBD + (CBDA*0.877). Total Cannabinoids = Total of all available cannabinoids. THCva is pending ISO accreditation.



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES	0.02	0.02		TESTED	1.968	19.680	
BETA-MYRCENE	0.02	0.02		TESTED	0.704	7.040	
LIMONENE	0.02	0.02		TESTED	0.438	4.380	
LINALOOL	0.02	0.02		TESTED	0.312	3.120	

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Margaret Teasdale

Lab Director

State License #
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Accreditation # 97164



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10/14/25
Laboratory License #:
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Sample: NA51009002-003
Batch #: MOSO250922-1-5A2
Harvest/Lot ID: MOSO250922-1-5A2
Seed to sale: 1A40A030000012E000108123

Ordered: 10/09/25
Sampled: 10/09/25
Completed: 10/14/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-CARYOPHYLLENE	0.02	0.02		TESTED	0.209	2.090	
ALPHA-HUMULENE	0.02	0.02		TESTED	0.091	0.910	
ALPHA-BISABOLOL	0.02	0.02		TESTED	0.060	0.600	
BETA-PINENE	0.02	0.02		TESTED	0.060	0.600	
FENCHYL ALCOHOL	0.02	0.02		TESTED	0.043	0.430	
ALPHA-PINENE	0.02	0.02		TESTED	0.026	0.260	
TRANS-NEROLIDOL	0.02	0.02		TESTED	0.025	0.250	
3-CARENE	0.02	0.02		TESTED	ND	ND	
BORNEOL	0.02	0.02		TESTED	ND	ND	
CAMPHENE	0.02	0.02		TESTED	ND	ND	
CAMPHOR	0.02	0.02		TESTED	ND	ND	
CARYOPHYLLENE OXIDE	0.02	0.02		TESTED	ND	ND	
CEDROL	0.002	0.02		TESTED	ND	ND	
EUCALYPTOL	0.02	0.02		TESTED	ND	ND	
FARNESENE	0.02	0.02		TESTED	ND	ND	
FENCHONE	0.02	0.02		TESTED	ND	ND	
GERANIOL	0.02	0.02		TESTED	ND	ND	
GERANYL ACETATE	0.02	0.02		TESTED	ND	ND	
GUAJOL	0.02	0.02		TESTED	ND	ND	
HEXAHYDROTHYMOL	0.02	0.02		TESTED	ND	ND	
ISOBORNEOL	0.02	0.02		TESTED	ND	ND	
ISOPULEGOL	0.02	0.02		TESTED	ND	ND	
NEROL	0.02	0.02		TESTED	ND	ND	
OCIMENE	0.02	0.02		TESTED	ND	ND	
PULEGONE	0.02	0.02		TESTED	ND	ND	
SABINENE	0.02	0.02		TESTED	ND	ND	
SABINENE HYDRATE	0.02	0.02		TESTED	ND	ND	
TERPINOLENE	0.02	0.02		TESTED	ND	ND	
VALENCENE	0.02	0.02		TESTED	ND	ND	
ALPHA-CEDRENE	0.02	0.02		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0.02	0.02		TESTED	ND	ND	
ALPHA-TERPINENE	0.02	0.02		TESTED	ND	ND	
ALPHA-TERPINEOL	0.02	0.02		TESTED	ND	ND	
CIS-NEROLIDOL	0.02	0.02		TESTED	ND	ND	
GAMMA-TERPINENE	0.02	0.02		TESTED	ND	ND	
P-CYMENE	0.02	0.02		TESTED	ND	ND	

Analyzed by: 623, 990, 1172	Weight: 0.4424g	Extraction date: 10/13/25 09:18:30	Extracted by: 414,623
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Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
Analytical Batch : NA021869TER
Instrument Used : NA-GCMS-004 (Terpenes) **Batch Date :** 10/10/25 08:34:33
Analyzed Date : 10/14/25 16:11:12

Dilution : 10
Reagent : 090225.01; 030725.01; 091225.04; 100425.R02
Consumables : 050925CK01; 9291.043; 9479291.023; 6121230; 04411066; 8000059078; 1008855823; 251905; GD25001; 338069094
Pipette : NA-014 (P-200); NA-021 (P-20); NA-280 (Dispenser); NA-137 (P-1000)

Terpenoid profile screening is performed using Terpene sample preparation SOP.T.30.064.MA and analyzed using a GC-MS using Method SOP.T.40.064.MA which can screen for 39 terpenes. *p-cymene is not an accredited analyte.

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Sample: NA51009002-003
Batch #: MOSO250922-1-5A2
Harvest/Lot ID: MOSO250922-1-5A2
Seed to sale: 1A40A030000012E000108123

Ordered: 10/09/25
Sampled: 10/09/25
Completed: 10/14/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENTHRIN	ppb	2.24	10	10	PASS	ND	
BIFENAZATE	ppb	2.46	10	10	PASS	ND	
ETOXAZOLE	ppb	1.79	10	10	PASS	ND	
IMAZALIL	ppb	3.05	10	10	PASS	ND	
IMIDACLOPRID	ppb	1.86	10	10	PASS	ND	
MYCLOBUTANIL	ppb	2.9	10	10	PASS	ND	
SPIROMESIFEN	ppb	2.97	10	10	PASS	ND	
TRIFLOXYSTROBIN	ppb	1.56	10	10	PASS	ND	
CYLUTHRIN	ppb	3.75	10	10	PASS	ND	

Analyzed by: 139, 414, 990, 1172 **Weight:** 0.4347g **Extraction date:** 10/10/25 14:49:37 **Extracted by:** 795

Analysis Method: SOP.T.40.104.MA
Analytical Batch: NA021889PES
Instrument Used: NA-LCMS-003 (Pesticides) **Batch Date:** 10/10/25 10:55:29
Analyzed Date: 10/12/25 17:12:18

Dilution: 12.5
Reagent: 100825.R01; 030725.01; 092425.R03; 100225.R01; 060922.01; 092325.R01; 100725.R01; 100525.R02; 092825.R02; 090825.R02
Consumables: MO0250508054; 9479291.023; 241221-634-A; 1008855823; 251905; GD25001; 23-47; USEEN02434; USEEZ04310
Pipette: NA-017 (P-20); NA-026 (Dispenser); NA-290 (P-1000); NA-135 (P-200)

Pesticide screen is performed using LC-MS and GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 9 Pesticides. (Method: SOP.T.40.104.MA - Pesticides and Mycotoxins Analysis via LC-MSMS and SOP.T40.154.MA - Volatile Pesticide Analysis via GC-MSMS).

Analyzed by: 414, 990, 1172 **Weight:** 0.4347g **Extraction date:** 10/10/25 14:49:37 **Extracted by:** 795

Analysis Method: SOP.T.40.154.MA, SOP.T.40.151.MA
Analytical Batch: NA021898VOL
Instrument Used: NA-GCMS-007 (Volatile Pesticide) **Batch Date:** 10/10/25 15:13:44
Analyzed Date: 10/12/25 17:12:47

Dilution: 12.5
Reagent: 100825.R01; 030725.01; 092425.R03; 100225.R01; 060922.01; 092325.R01
Consumables: MO0250508054; 9479291.023; 241221-634-A; 1008855823; 251905; GD25001; 23-47
Pipette: NA-017 (P-20); NA-290 (P-1000); NA-135 (P-200)

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL COLIFORMS	cfu/g	10	10	1000	PASS	ND	
TOTAL VIABLE AEROBIC BACTERIA	cfu/g	10	10	100000	PASS	ND	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	<100	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

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Sample: NA51009002-003
Batch #: MOSO250922-1-5A2
Harvest/Lot ID: MOSO250922-1-5A2
Seed to sale: 1A40A030000012E000108123


Ordered: 10/09/25
Sampled: 10/09/25
Completed: 10/14/25

PASSED


PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 870, 990, 1172 Weight: 0.835g Extraction date: 10/10/25 10:00:34 Extracted by: 388,572 Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA Analytical Batch : NA021856MIC Instrument Used : NA-PCR-001 (Microbial) Batch Date : 10/09/25 16:03:51 Analyzed Date : 10/13/25 20:15:20 Dilution : 900 Reagent : 051724.01; 082725.R01; 053025.05 Consumables : 418325019C; 418325008A; 345F5P; 8847202-2441; 2401051; 08/09/22; BEL-13166-0001; 04825070; 241221-634-A; 241110-3059-A; 2050518; 50RWM0911W83; X002BSDL8D; 3110; 446447; 25104; 0002043; 0002148; 7584003041; 7584003058; WO4104; WO4000; WO4700; 0002056; 0001891; 0002004; 0001316; 0002057; 0002187; 7808003039; 7808003049; 0001897; 0001404; WO4664; WO4413; 0001317; 0001899; 0000630072; 0000581319; 0000581413; 1009718027; 1010204253; 1010414863; 1010089656 Pipette : NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-006 (P-200, micro); NA-004 (P-100 multi, micro); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-208A (P-1000, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-211 Micro bottle top dispenser; NA-318 (P-1000, micro); NA-234 Micro bottle top dispenser; NA-235 Micro bottle top dispenser							

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.056C.MA) If a pathogenic Escherichia Coli or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.


PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AFLATOXIN B1	ppb	2.01	5	20	PASS	ND	
AFLATOXIN B2	ppb	1.96	5	20	PASS	ND	
AFLATOXIN G1	ppb	1.82	5	20	PASS	ND	
AFLATOXIN G2	ppb	2.1	5	20	PASS	ND	
OCHRATOXIN A	ppb	2.19	5	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.82	5	20	PASS	ND	

Analyzed by: 139, 414, 157, 1172
Weight: 0.4347g
Extraction date: 10/10/25 14:49:37
Extracted by: 795
Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA021897MYC
Instrument Used : NA-LCMS-003 (MYC) **Batch Date :** 10/10/25 15:13:42
Analyzed Date : 10/13/25 15:47:15
Dilution : 12.5
Reagent : 100825.R01; 030725.01; 092425.R03; 100225.R01; 060922.01; 092325.R01; 100725.R01; 100525.R02; 092825.R02; 090825.R02
Consumables : MO0250508054; 9479291.023; 241221-634-A; 1008855823; 251905; GD25001; 23-47; USEEN02434; USEEZ04310
Pipette : NA-017 (P-20); NA-026 (Dispenser); NA-290 (P-1000); NA-135 (P-200)

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.


PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppb	6.72	10	200	PASS	<10	
CADMIUM	ppb	9.26	10	200	PASS	ND	
MERCURY	ppb	3.4	5	100	PASS	45.043	
LEAD	ppb	8.85	10	500	PASS	ND	

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(401) 219-1491

Kaycha Labs
.....
Modified Sour
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 5 of 5

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PASSED

	Heavy Metals	PASSED
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ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 990, 1172 Weight: 0.4187g Extraction date: 10/12/25 12:56:11 Extracted by: 1314,990 Analysis Method: SOP.T.30.084.MA, SOP.T.40.084.MA Analytical Batch: NA021873HEA Instrument Used: NA-ICPMS-001 Analyzed Date: 10/13/25 21:27:08 Batch Date: 10/10/25 08:40:20							

Dilution: 50
Reagent: 082725.01; 061025.10; 070224.01; 092325.03; 040325.01; 062824.02; 062824.03; 100725.R11; 100725.R06
Consumables: L205125M; 04825070; 030125CH01; 1008855823; GD25001
Pipette: NA-012 (P-200); NA-214 Bottle Top Dispenser (nitric acid); NA-125 (5mL); NA-255 (10mL Dispensette, HCL)

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.084.MA Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.084.MA Heavy Metals Analysis via ICP-MS.

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