



Certificate of Analysis

Sample: MO91218001-001
Harvest/Lot ID: 121019
Seed to Sale #N/A
Batch Date :N/A
Batch#: 002
Sample Size Received: 30 ml
Retail Product Size: 30 ml
Ordered : 12/18/19
Sampled : 12/18/19
Completed: 12/20/19 Expires: 12/20/20
Sampling Method: SOP Client Method

Dec 20, 2019 | S Farms

673 N Bardstown Rd Mount Washington
KY, USA 40047



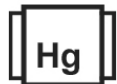
PASSED

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PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
NOT TESTED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
1.623%



Total Cannabinoids
0.000%



D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
ND	ND	1.623%	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	16.230 mg/g	ND	ND	ND	ND	ND	ND	ND	ND
LOD 0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %

Cannabinoid Profile Test

Analyzed by 1	Weight 3.0114g	Extraction date : NA	Extracted By : NA
Analysis Method -SOP.T.40.020, SOP.T.30.050		Batch Date :	
Analytical Batch -M0000038POT Instrument Used :			
Reagent	Dilution	Consums. ID	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L). Measurement of Uncertainty: 2.7%

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David Greene
Lab Director

State License # 19-05-02P
ISO Accreditation #
17025:2017



Signature

04/25/2020

Signed On



Certificate of Analysis

PASSED

S Farms

673 N Bardstown Rd Mount Washington
KY, USA 40047

Telephone: (502) 552-4257

Email: Stan.Lott@yahoo.com

Sample : M091218001-001

Harvest/LOT ID: 121019

Batch# : 002

Sampled : 12/18/19

Ordered : 12/18/19

Sample Size Received : 30 ml

Completed : 12/20/19 Expires: 12/20/20

Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
DAMINOZIDE	0.010	ppm		ND
ACEPHATE	0.010	ppm		ND
FLONICAMID	0.010	ppm		ND
OXAMYL	0.010	ppm		ND
METHOMYL	0.010	ppm		ND
THIAMETHOXAM	0.010	ppm		ND
IMIDACLOPRID	0.010	ppm		ND
DIMETHOATE	0.010	ppm		ND
ACETAMIPRID	0.010	ppm		ND
THIACLOPRID	0.010	ppm		ND
ALDICARB	0.020	ppm		ND
DICHLORVOS	0.050	ppm		ND
PROPOXUR	0.010	ppm		ND
CARBOFURAN	0.010	ppm		ND
CARBARYL	0.010	ppm		ND
IMAZALIL	0.010	ppm		ND
METALAXYL	0.010	ppm		ND
CHLORANTRANILPROLE	0.010	ppm		ND
PHOSMET	0.010	ppm		ND
SPIROXAMINE	0.010	ppm		ND
NALED	0.010	ppm		ND
METHIOCARB	0.010	ppm		ND
AZOXYSTROBIN	0.010	ppm		ND
PACLOBUTRAZOL	0.010	ppm		ND
MALATHION	0.010	ppm		ND
MYCLOBUTANIL	0.010	ppm		ND
BIFENAZATE	0.010	ppm		ND
SPIROTETRAMAT	0.020	ppm		ND
ETHOPROPHOS	0.010	ppm		ND
FENOXYCARB	0.010	ppm		ND
KRESOXIM-METHYL	0.010	ppm		ND
TEBUCONAZOLE	0.010	ppm		ND
DIAZANON	0.010	ppm		ND
PROPICONAZOLE	0.010	ppm		ND
CLOFENTEZINE	0.010	ppm		ND
SPINOSAD (SPINOSYN A)	0.010	ppm		ND
PRALLETHRIN	0.050	ppm		ND
TRIFLOXYSTROBIN	0.010	ppm		ND
PIPERONYL BUTOXIDE	0.010	ppm		ND
CHLORPYRIFOS	0.010	ppm		ND
HEXTHIAZOX	0.010	ppm		ND

Pesticides	LOD	Units	Action Level	Result
ETOXAZOLE	0.010	ppm		ND
SPIROMESIFEN	0.010	ppm		ND
PYRETHRINS (PYRETHRIN I)	0.010	ppm		ND
FENPYROXIMATE	0.010	ppm		ND
PYRIDABEN	0.010	ppm		ND
PERMETHRINS	0.050	ppm		ND
ABAMECTIN B1A	0.020	ppm		ND
ETOFENPROX	0.010	ppm		ND
BIFENTHRIN	0.010	ppm		ND
FLUDIOXONIL	0.010	ppm		ND
FIPRONIL	0.020	ppm		ND
CYPERMETHRIN	0.010	ppm		ND
MEVINPHOS	0.010	ppm		ND
DIMETHOMORPH	0.005	ppm		ND
FENHEXAMID	0.005	ppm		ND
COUMAPHOS	0.005	ppm		ND
SPINOSAD (SPINOSYN D)	0.010	ppm		ND



Pesticides

PASSED

Analyzed by 19	Weight 1.0002g	Extraction date NA	Extracted By NA
Analysis Method - SOP.T.30.060, SOP.T.40.060 ,			
Analytical Batch - M0000039PES			
Instrument Used :			
Batch Date :			
Reagent	Dilution	Consums. ID	
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *			

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David Greene
Lab Director



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S Farms

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Telephone: (502) 552-4257

Email: Stan.Lott@yahoo.com

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Harvest/LOT ID: 121019

Batch# : 002

Sampled : 12/18/19

Ordered : 12/18/19

Sample Size Received : 30 ml

Completed : 12/20/19 Expires: 12/20/20

Sample Method : SOP Client Method

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Mycotoxins
PASSED

Hg

Heavy Metals
PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.001	ppm	ND	
AFLATOXIN G1	0.001	ppm	ND	
AFLATOXIN B2	0.001	ppm	ND	
AFLATOXIN B1	0.001	ppm	ND	
OCHRATOXIN A+	0.001	ppm	ND	

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -MO000040

Instrument Used :

Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
19	1.0002g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.001	ppm	5.890	
CADMIUM	0.001	ppm	ND	
LEAD	0.001	ppm	ND	
MERCURY	0.001	ppm	ND	

Analyzed by	Weight	Extraction date	Extracted By
1	.503g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -MO000041HEA

Instrument Used :

Batch Date :

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.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.



Microbials
PASSED

Analyte	Result
ASPERGILLUS_TERREUS_IJ2	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_FLAVUS	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.

Analysis Method -SOP.T.40.043

Analytical Batch -MO000036MIC

Instrument Used :

Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
1	1.0139g	NA	NA

Reagent	Dilution	Consums. ID

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.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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