



Certificate of Analysis

Sample: DE10930010-002
Harvest/Lot ID: 9901
Metrc #: 1A4000D0003A8B9000000996
Seed to Sale#: 1A4000D0003A8B9000000996
Batch Date: 09/29/21
Batch#: 9901
Sample Size Received: 1 gram
Total Weight/Volume: N/A
Retail Product Size: N/A gram
Ordered: 09/29/21
sampled: 09/29/21
Completed: 10/06/21 Expires: 10/06/22
Sampling Method: SOP-024

Oct 06, 2021 | Utoya Group LLC

License # 403H-103408
1646 Tillay Ave, Ste A
Clearwater, FL, 33756



PASSED
Page 1 of 4

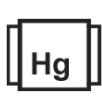
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
NOT TESTED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.128%



Total CBD
0.123%



Total Cannabinoids
1.506%

	CBDV	CBDA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDO	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACETATE
%	ND	ND	0.057	0.123	ND	ND	ND	0.277	0.016	ND	0.128	0.905	ND	ND	ND	ND	ND	ND	ND	ND	0.164
ppm	ND	ND	0.57	1.23	ND	ND	ND	2.77	0.16	ND	1.28	9.05	ND	ND	ND	ND	ND	ND	ND	ND	1.64
LOD	0.00265237	0.001	0.00219044	2.8E-5	1.1E-5	0.00205806	0.00192419	1.0E-6	0.000237	0.0148	2.2E-5	0.00268886	0.000921807	0.000717378	0.00286194	0.0129	0.000910194	1.0E-5	0.00210199	0.00116619	0.003403
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by: 8 Weight: 4.6322g Extraction date: 10/01/21 04:10:18 Extracted By: 1642

Analysis Method -SOP-020 (R15) Reviewed On - 10/05/21 10:32:47 Batch Date : 10/01/21 10:49:23
Analytical Batch -DE002466POT Instrument Used : Agilent 1100 "Falcor" Running On : 10/01/21 19:32:20

Reagent	Dilution	Consums. ID	Consums. ID
090121.R12	40	88715911147201	61564-106C6-106H
100121.R12		1119999	
100421.R12		00307958	
		R1KB34782	
		12265-116CC-116	
		234422	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

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Stephen Goldman
Lab Director
State License #
405R-00011 405-00008
ISO Accreditation # 4331.01

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10/06/21
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Utoya Group LLC

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Clearwater, FL, 33756
Telephone: 425-830-7296
Email: kelly@utoya.com
License #: 403H-103408

Sample : DE10930010-002
Harvest/LOT ID: 9901

Batch# : 9901
Sampled : 09/29/21
Ordered : 09/29/21

Sample Size Received : 1 gram
Total Weight/Volume : N/A
Completed : 10/06/21 Expires: 10/06/22
Sample Method : SOP-024


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
OTHER PESTICIDES	0.1	ppb	100	ND
AVERMECTINS	0.0271	ppb	70	ND
AZOXYSTROBIN	0.0149	ppb	20	ND
BIFENAZATE	0.0118	ppb	20	ND
ETOXAZOLE	0.00645	ppb	10	ND
IMAZALIL	0.0646	ppb	40	ND
IMIDACLOPRID	0.00748	ppb	20	ND
MALATHION	0.01108	ppb	50	ND
MYCLOBUTANIL	0.0135	ppb	40	ND
PERMETHRINS	0.0131	ppb	40	5.859
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
SPIROSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND

Pesticides	LOD	Units	Action Level	Result
 Pesticides				PASSED
Analyzed by 1696	Weight 0.1429g	Extraction date 10/04/21 10:10:36	Extracted By 1696	
<small>Analysis Method - SOP-060 (R5) , Analytical Batch - DE002450PES Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :</small>				
Reagent	Dilution	Consums. ID		
<small>091421.R005 092421.R002 091521.R006 092421.R002 091021.R001</small>	25	<small>887159111147201 1119999 00307958 040CB-040D 213685</small>		
<small>Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *</small>				

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Utoya Group LLC

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Telephone: 425-830-7296
Email: kelly@utoya.com
License #: 403H-103408

Sample : DE10930010-002
Harvest/LOT ID: 9901

Batch# : 9901
Sampled : 09/29/21
Ordered : 09/29/21


Sample Size Received : 1 gram
Total Weight/Volume : N/A
Completed : 10/06/21 Expires: 10/06/22
Sample Method : SOP-024

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
METHANOL	1.27868	ppm	600	PASS	39.833
HEPTANE	3.25945	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000000	PASS	586.85
ACETONE	1.708	ppm	1000	PASS	<5.124
2-PROPANOL	1.58756	ppm	1000	PASS	5.62
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by 1253 **Weight** 0.1734g **Extraction date** 10/01/21 02:10:30 **Extracted By** 1253
Analysis Method -SOP-032 (R18)
Analytical Batch -DE002457SOL **Reviewed On - 10/05/21 11:01:36**
Instrument Used : GC 5890
Running On :
Batch Date : 09/29/21 15:12:53

Reagent	Dilution	Consums. ID
	1	

Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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License #: 403H-103408

Sample : DE10930010-002
Harvest/LOT ID: 9901

Batch# : 9901
Sampled : 09/29/21
Ordered : 09/29/21

Sample Size Received : 1 gram
Total Weight/Volume : N/A
Completed : 10/06/21 Expires: 10/06/22
Sample Method : SOP-024

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Microbials
PASSED

Hg

Heavy Metals
PASSED

Analyte	LOD	Result
TOTAL_YEAST_AND_MOLD		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
SALMONELLA_SPECIES		not present in 1 gram.

Reagent	Dilution	Consums. ID
092821.R10	50	018C4-018D
092821.R09		040CB-040D
092821.R11		12294-118CC-118 234422

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE002461MIC Batch Date : 09/30/21 09:49:29
Instrument Used : Microbial - Full Panel
Running On : 10/01/21 17:05:20

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.0020	ppm	ND	1.5
CADMIUM	0.0016	ppm	ND	0.5
MERCURY	0.0035	ppm	ND	1
LEAD	0.0101	ppm	ND	1

Analyzed by	Weight	Extraction date	Extracted By
1473	3.06g	10/01/21 05:10:12	1473

Analyzed by	Weight	Extraction date	Extracted By
7	0.2173g	10/04/21 11:10:07	666

Reagent	Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
093021.R02	091021.R05	082421.02	092721.R02	0	16564-106C6-106H	0
092821.R06	091021.R03	072921.01	091321.07		40898-021C4-021AI	NT10-1212
092921.R01	092921.R03	092321.R11			210316-361-B	20/08/30
072021.R02	071421.11	092321.R14			210622-687	01859
091521.R01	050521.02	022221.42			210622-688	00103
072621.R13	100419.03	092421.R05			12265-115CC-115	CH_2055133

Analysis Method -SOP-050 (R5)
Analytical Batch -DE002468HEA | Reviewed On - 10/06/21 10:25:36
Instrument Used : Shimadzu 2030 ICP-MS
Running On :
Batch Date : 10/04/21 08:09:54

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).

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