



Certificate of Analysis

Sample: DE11028005-003

Harvest/Lot ID: 9905

Batch#: 9905

Metric #: 1A4000D0003A8B9000002653

Seed to Sale# 1A4000D0003A8B9000002653

Batch Date: 10/26/21

Sample Size Received: 5 gram

Total Weight/Volume: N/A

Retail Product Size: N/A gram

Ordered : 10/26/21

sampled : 10/26/21

Completed: 11/01/21 Expires: 11/01/22

Sampling Method: SOP-024

Nov 01, 2021 | Utoya Group LLC

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



PASSED
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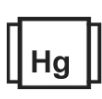
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
NOT TESTED



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
0.027%



Total CBD
1.827%



Total Cannabinoids
51.658%

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	ND	1.827	ND	ND	ND	4.415	0.772	ND	0.027	44.617	ND	ND	ND	ND	ND	ND	ND	ND	11.238	
100	0.00265237	0.001	0.00219044	2.8E-5	1.1E-5	0.00205806	0.00152419	1.0E-6	0.000237	0.0148	0.2E-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 1253	Weight 0.1601g	Extraction date : 10/29/21 02:10:42	Extracted By : 1642
Analysis Method -SOP-020 (R15)	Reviewed On - 11/01/21 09:27:07	Batch Date : 10/29/21 10:45:35	
Analytical Batch -DE002598POT	Instrument Used : Agilent 1100 "Falcor" Running On : 10/29/21 17:29:17		

Reagent	Dilution	Consums. ID	Consums. ID
101121.10	200	88715911147201	923C4-923AK
102221.R04		1119999	5079-525C6-525E
080521.R11		BG045	
102221.R12		R1KB34782	
102521.01		298076054	
102821.R21		12211-108CC-108	

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

Signature
Signature

11/01/21
Signed On



Certificate of Analysis

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Utoya Group LLC

1646 Tillay Ave, Ste A
Clearwater, FL, 33756
Telephone: 425-830-7296
Email: kelly@utoya.com
License #: 403H-103408

Sample : DE11028005-003

Harvest/LOT ID: 9905

Batch# : 9905

Sampled : 10/26/21

Ordered : 10/26/21

Sample Size Received : 5 gram

Total Weight/Volume : N/A

Completed : 11/01/21 Expires: 11/01/22

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	ND
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
SPINOSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND

Pesticides	LOD	Units	Action Level	Result
 Pesticides				PASSED
Analyzed by 8	Weight 0.1535g	Extraction date 10/29/21 11:10:12	Extracted By 1696	
Analysis Method - SOP-060 (R5) ; Analytical Batch - DE002572PES				
Instrument Used : Sciex 6500 Qtrap - Pesticides				
Running On : Batch Date : 10/25/21 09:36:58				
Reagent	Dilution	Consums. ID		
101821.R02	25	887159111147201		
102321.R01		1119999		
101821.R02		00307958		
102321.R07		040CB-040D		
101821.R09		213685		
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *				

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Stephen Goldman
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405R-00011 405-00008
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Certificate of Analysis

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Utoya Group LLC

 1646 Tillay Ave, Ste A
 Clearwater, FL, 33756
Telephone: 425-830-7296
Email: kelly@utoya.com
License #: 403H-103408

Sample : DE11028005-003
Harvest/LOT ID: 9905
Batch# : 9905
Sampled : 10/26/21
Ordered : 10/26/21
Sample Size Received : 5 gram
Total Weight/Volume : N/A
Completed : 11/01/21 Expires: 11/01/22
Sample Method : SOP-024
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Residual Solvents **PASSED**

Residual Solvents **PASSED**

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	7.96
HEPTANE	3.25945	ppm	1000	PASS	<9.778
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	<5.124
2-PROPANOL	1.58756	ppm	1000	PASS	21.419
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
7	0.234g	10/29/21 10:10:41	7

Analysis Method -SOP-032 (R18)
Analytical Batch -DE002592SOL **Reviewed On - 10/29/21 15:30:06**
Instrument Used : GC 5890
Running On :
Batch Date : 10/28/21 10:31:12

Reagent	Dilution	Consums. ID
102721.R01	1	24160453 31726-2-1 213685

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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Sample Method : SOP-024

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	Microbials	PASSED
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Analyte

TOTAL_YEAST_AND_MOLD
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC
SALMONELLA_SPECIES

LOD

Result

not present in 1 gram.
not present in 1 gram.
not present in 1 gram.

Analysis Method - SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch - DE002591MIC **Batch Date :** 10/28/21 09:44:05
Instrument Used : Microbial - Full Panel
Running On : 11/01/21 12:23:05

Analyzed by	Weight	Extraction date	Extracted By
1473	1.19g	11/01/21 12:11:52	1473

Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
100821.01	101821.R02	072921.01	1	210316-361-B	20/08/30
102721.R03	072621.R13	100419.03		40898-021C4-021AI	NT10-1212
110121.R02	101121.R06	102021.21		16564-106C6-106H	0
102921.R06	102121.R02	022221.49		210622-687	01859
102821.R10	091421.R01			210622-688	00103
102821.R11	050521.02			12265-115CC-115	CH_2055133

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.

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