



# Certificate of Analysis

Sample: DE11028005-002

Harvest/Lot ID: 9904

Batch#: 9904

Metric #: 1A4000D0003A8B9000002654

Seed to Sale# 1A4000D0003A8B9000002654

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**  
Page 1 of 4

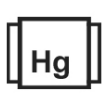
PRODUCT IMAGE



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  
**0.213%**



Total CBD  
**1.43%**



Total Cannabinoids  
**57.233%**

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	1.43	ND	ND	ND	9.554	0.709	ND	0.213	45.327	ND	ND	ND	ND	ND	ND	ND	ND	5.994
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 1253	Weight 0.1849g	Extraction date : 10/29/21 02:10:42	Extracted By : 1642
Analysis Method -SOP-020 (R15)	Reviewed On - 11/01/21 09:26:35	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



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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 : DE11028005-002**  
**Harvest/LOT ID: 9904**

**Batch# :** 9904  
**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
SPIINOSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND

Pesticides	LOD	Units	Action Level	Result
 Pesticides				PASSED
<b>Analyzed by</b> 8	<b>Weight</b> 0.1657g	<b>Extraction date</b> 10/29/21 11:10:12	<b>Extracted By</b> 1696	
<b>Analysis Method - SOP-060 (R5) ; Analytical Batch - DE002572PES</b>				
<b>Instrument Used : Sciex 6500 Qtrap - Pesticides</b>				
<b>Running On : Batch Date : 10/25/21 09:36:58</b>				
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>		
101821.R02	25	887159111147201		
102321.R01		1119999		
101821.R01		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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**Telephone:** 425-830-7296  
**Email:** kelly@utoya.com  
**License #:** 403H-103408

**Sample : DE11028005-002**  
**Harvest/LOT ID: 9904**

**Batch# :** 9904  
**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	10.779
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	112.049
HEXANES	1.92798	ppm	60	PASS	ND

**Analyzed by** 7  
**Weight** 0.1003g  
**Extraction date** 10/29/21 10:10:37  
**Extracted By** 7

**Analysis Method -SOP-032 (R18)**  
**Analytical Batch -DE002592SOL** **Reviewed On - 10/29/21 15:29:47**  
**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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	<b>Microbials</b>	<b>PASSED</b>
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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.

**Analysis Method -** SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)  
**Analytical Batch -** DE002591 **MIC 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	0.84g	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.