



Certificate of Analysis

Sample:KN10818005-003

Harvest/Lot ID: 003

Seed to Sale# N/A

Batch Date: 08/16/21

Batch#: 003

Sample Size Received: 237

Total Weight/Volume: N/A

Retail Product Size: 237 ml

Ordered : 08/16/21

sampled : 08/16/21

Completed: 09/08/21 Expires: 09/08/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

Sep 08, 2021 | FLYERS COCKTAIL CO.

216 Grand St, Level 3
Brooklyn, NY, 11211, US

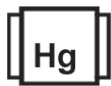
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total CBG
0.0003%
CBG/Container :0.711 mg



Total CBD
0.007%
TOTAL CBD/Container :17.254 mg



Total Cannabinoids
0.007%
Total Cannabinoids/Container :17.965 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.0003	0.0073	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	0.003	0.0728	ND	ND	ND	ND	ND	ND
LOD	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
142	1.5502g	NA	NA
Analyte			LOD
Filtration and Foreign Material			0.3
Analysis Method -SOP.T.40.013		Batch Date : 08/19/21 16:31:38	
Analytical Batch -KN001237FIL		Reviewed On - 08/19/21 16:43:50	
Instrument Used : E-AMS-138 Microscope			
Running On :			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A 5W-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	1.3037g	NA	NA
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.		Reviewed On - 08/19/21 09:08:33	Batch Date : 08/18/21 09:38:15
Analytical Batch -KN001229POT Instrument Used : HPLC E-SHI-008 Running On :			

Reagent	Dilution	Consums. ID
081321.R04	6	94789291.271
081821.R01		0030220
080221.R02		

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.). *Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Sue Ferguson
Signature

09/08/21
Signed On



10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-003
Harvest/LOT ID: 003

Batch# : 003
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method


Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOXYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 143	Weight 1.01g	Extraction date 08/18/21 03:08:38	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001231PES		Reviewed On - 08/19/21 16:43:50	
Instrument Used : E-SHI-125 Pesticides Running On : 08/18/21 15:52:51		Batch Date : 08/18/21 14:00:10	

Reagent	Dilution	Consums. ID
112420.04 080321.805 080321.815 081221.807 081221.801 080321.801	10	200618634 94789291.217

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.T.40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *Based on FL action limits. *

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Lab Director
State License # n/a
ISO Accreditation #
17025:2017

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09/08/21
Signed On



Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-003
Harvest/LOT ID: 003

Batch# : 003
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	2558.279
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - 15 DIMETHYLBENZENE		ppm	2170	PASS	ND

Analyzed by 138 **Weight** 0.02093g **Extraction date** 08/18/21 02:08:34 **Extracted By** 138
Analysis Method -SOP.T.40.032
Analytical Batch -KN001230SOL **Reviewed On** - 08/19/21 14:42:12
Instrument Used : E-SHI-106 Residual Solvents
Running On : 08/19/21 09:19:04
Batch Date : 08/18/21 11:13:46

Reagent	Dilution	Consums. ID
		R2017.062
		G201-062

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

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State License # n/a
ISO Accreditation #
17025:2017

Sue Ferguson
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09/08/21
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10427 Cogdill Road, Suite 500
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DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-003
Harvest/LOT ID: 003

Batch# : 003
Sampled : 08/16/21
Ordered : 08/16/21


Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

Page 4 of 4



Microbials

PASSED



Mycotoxins

PASSED

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

Analysis Method -SOP.T.40.043
Analytical Batch -KN001234MIC Batch Date : 08/19/21 13:16:30
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
142	1.0340g	NA	NA

Reagent	Consums. ID
061821.01	003102
041621.02	
030421.02	

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.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001232MYC | Reviewed On - 08/19/21 09:41:23
Instrument Used : E-SHI-125 Mycotoxins
Running On : 08/18/21 15:54:56
Batch Date : 08/18/21 14:00:29

Analyzed by	Weight	Extraction date	Extracted By
143	1.01g	08/18/21 03:08:19	143

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. Analytes ISO pending. *Based on FL action limits.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
080421.R11	040521.R04	50	7226/0030021
052021.R19	080421.R12		210117060
031620.03			
061521.01			
080421.R13			
032621.R01			

Metal	LOD	Unit	Result	Action Level
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2535g	08/19/21 09:08:14	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001228HEA | Reviewed On - 08/20/21 16:36:55
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 08/17/21 13:23:15

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. Analytes ISO Pending. *Based on FL action limits.

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Lab Director
State License # n/a
ISO Accreditation #
17025:2017

Sue Ferguson
Signature

09/08/21
Signed On



Certificate of Analysis

Sample:KN10818005-002
Harvest/Lot ID: 002
Seed to Sale# N/A
Batch Date: 08/16/21
Batch#: 002
Sample Size Received: 237
Total Weight/Volume: N/A
Retail Product Size: 237 ml
Ordered : 08/16/21
sampled : 08/16/21
Completed: 09/08/21 Expires: 09/08/22
Sampling Method: SOP Client Method

PASSED

Page 1 of 4

Sep 08, 2021 | FLYERS COCKTAIL CO.

216 Grand St, Level 3
Brooklyn, NY, 11211, US

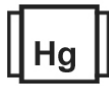
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total CBG
0.0003%
CBG/Container :0.593 mg



Total CBD
0.006%
TOTAL CBD/Container :13.865 mg



Total Cannabinoids
0.006%
Total Cannabinoids/Container :14.458 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.0003	0.0059	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	0.0025	0.0585	ND	ND	ND	ND	ND	ND
LOD	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
142	1.2121g	NA	NA
Analyte			LOD
Filtration and Foreign Material			0.3
Analysis Method	-SOP.T.40.013	Batch Date	: 08/19/21 16:31:38
Analytical Batch	-KN001237FIL	Reviewed On	- 08/19/21 16:43:30
Instrument Used	: E-AMS-138 Microscope		
Running On			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A 5W-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date	Extracted By
113	1.6479g	NA	NA
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.			
Analytical Batch -KN001229POT Instrument Used : HPLC E-SHI-008		Running On :	Reviewed On - 08/19/21 09:08:21
			Batch Date : 08/18/21 09:38:15
Reagent	Dilution	Consums. ID	
081321.R04	6	94789291.271	
081821.R01		0030220	
080221.R02			

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.). *Based on FL action limits.

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09/08/21
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DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-002
Harvest/LOT ID: 002

Batch# : 002
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method


Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOXYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 143	Weight 1.0209g	Extraction date 08/18/21 03:08:32	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001231PES		Reviewed On - 08/19/21 16:43:30	
Instrument Used : E-SHI-125 Pesticides Running On : 08/18/21 15:52:51		Batch Date : 08/18/21 14:00:10	

Reagent	Dilution	Consums. ID
112420.04 080321.805 080321.815 081221.807 081221.801 080321.801	10	200618634 94789291.217

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.T.40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *Based on FL action limits. *

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017

Sue Ferguson
Signature

09/08/21
Signed On



Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-002
Harvest/LOT ID: 002

Batch# : 002
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

Page 3 of 4



Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	2387.666
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - 15		ppm	2170	PASS	ND
DIMETHYLBENZENE					

Analyzed by 138 **Weight** 0.02143g **Extraction date** 08/18/21 02:08:44 **Extracted By** 138
Analysis Method -SOP.T.40.032
Analytical Batch -KN001230SOL **Reviewed On - 08/19/21 14:41:55**
Instrument Used : E-SHI-106 Residual Solvents
Running On : 08/19/21 09:19:04
Batch Date : 08/18/21 11:13:46

Reagent	Dilution	Consums. ID
		R2017.062
		G201-062

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017

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09/08/21
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10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-002
Harvest/LOT ID: 002


Batch# : 002
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 237
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

Page 4 of 4



Microbials
PASSED



Mycotoxins
PASSED

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

Analysis Method -SOP.T.40.043
Analytical Batch -KN001234MIC Batch Date : 08/19/21 13:16:30
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
142	1.0221g	NA	NA

Reagent	Consums. ID
061821.01	003102
041621.02	
030421.02	

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.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001232MYC | Reviewed On - 08/19/21 09:38:06
Instrument Used : E-SHI-125 Mycotoxins
Running On : 08/18/21 15:54:56
Batch Date : 08/18/21 14:00:29

Analyzed by	Weight	Extraction date	Extracted By
143	1.0209g	08/18/21 03:08:12	143

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. Analytes ISO pending. *Based on FL action limits.



Heavy Metals
PASSED

Reagent	Reagent	Dilution	Consums. ID
080421.R11	040521.R04	50	7226/0030021
052021.R19	080421.R12		210117060
031620.03			
061521.01			
080421.R13			
032621.R01			

Metal	LOD	Unit	Result	Action Level
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2526g	08/19/21 09:08:06	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001228HEA | Reviewed On - 08/20/21 16:36:43
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 08/17/21 13:23:15

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. Analytes ISO Pending. *Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017


Signature

09/08/21
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Certificate of Analysis

Sample:KN10818005-001

Harvest/Lot ID: 001

Seed to Sale# N/A

Batch Date: N/A

Batch#: 001

Sample Size Received: 9oz gram

Total Weight/Volume: N/A

Retail Product Size: 237 ml

Ordered : 08/16/21

sampled : 08/16/21

Completed: 09/08/21 Expires: 09/08/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

Sep 08, 2021 | FLYERS COCKTAIL CO.

216 Grand St, Level 3
Brooklyn, NY, 11211, US

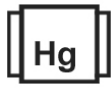
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

CANNABINOID RESULTS



Total CBG
0.0003%
CBG/Container :0.664 mg



Total CBD
0.007%
TOTAL CBD/Container :15.832 mg



Total Cannabinoids
0.007%
Total Cannabinoids/Container :16.5 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.0003	0.0067	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	0.0028	0.0668	ND	ND	ND	ND	ND	ND
LOD	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
142	1.2163g	NA	NA
Analyte		LOD	Result
Filtration and Foreign Material		0.3	ND
Analysis Method -SOP.T.40.013		Batch Date : 08/19/21 16:31:38	
Analytical Batch -KN001237FIL		Reviewed On - 08/19/21 16:43:15	
Instrument Used : E-AMS-138 Microscope			
Running On :			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A 5W-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by 113	Weight 1.5836g	Extraction date : NA	Extracted By : NA
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.		Reviewed On - 08/19/21 09:08:04	Batch Date : 08/18/21 09:38:15
Analytical Batch -KN001229POT Instrument Used : HPLC E-SHI-008 Running On :			
Reagent 081321.R04 081821.R01 080221.R02	Dilution 6	Consums. ID 94789291.271 0030220	

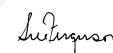
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

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Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation #
17025:2017



Signature

09/08/21

Signed On



10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-001
Harvest/LOT ID: 001

Batch# : 001
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 9oz gram
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method


Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOXYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 143	Weight 1.0072g	Extraction date 08/18/21 03:08:26	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001231PES		Reviewed On - 08/19/21 16:43:15	
Instrument Used : E-SHI-125 Pesticides Running On : 08/18/21 15:52:51		Batch Date : 08/18/21 14:00:10	

Reagent	Dilution	Consums. ID
112420.04 080321.805 080321.815 081221.807 081221.801 080321.801	10	200618634 94789291.217

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). Analytes ISO pending. *Based on FL action limits. *

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017

Sue Ferguson
Signature

09/08/21
Signed On



Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-001
Harvest/LOT ID: 001

Batch# : 001
Sampled : 08/16/21
Ordered : 08/16/21

Sample Size Received : 9oz gram
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

Page 3 of 4



Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - 15 DIMETHYLBENZENE		ppm	2170	PASS	ND

Analyzed by 138 Weight 0.0295g Extraction date 08/18/21 02:08:02 Extracted By 138

Analysis Method -SOP.T.40.032
Analytical Batch -KN001230SOL Reviewed On - 08/19/21 14:41:35
Instrument Used : E-SHI-106 Residual Solvents
Running On : 08/19/21 09:19:04
Batch Date : 08/18/21 11:13:46

Reagent	Dilution	Consums. ID
		R2017.062 G201-062

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017


Signature

09/08/21
SIGNED ON



10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Certificate of Analysis

PASSED

216 Grand St, Level 3
Brooklyn, NY, 11211, US
Telephone: (404) 906-2237
Email: LEWIE@DRINKFLYERS.COM

Sample : KN10818005-001
Harvest/LOT ID: 001

Batch# : 001
Sampled : 08/16/21
Ordered : 08/16/21


Sample Size Received : 9oz gram
Total Weight/Volume : N/A
Completed : 09/08/21 Expires: 09/08/22
Sample Method : SOP Client Method

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Microbials

PASSED



Mycotoxins

PASSED

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

Analysis Method -SOP.T.40.043
Analytical Batch -KN001234MIC Batch Date : 08/19/21 13:16:30
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
142	0.9609g	NA	NA

Reagent	Consums. ID
061821.01	003102
041621.02	
030421.02	

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.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001232MYC | Reviewed On - 08/19/21 09:37:53
Instrument Used : E-SHI-125 Mycotoxins
Running On : 08/18/21 15:54:56
Batch Date : 08/18/21 14:00:29

Analyzed by	Weight	Extraction date	Extracted By
143	1.0072g	08/18/21 03:08:07	143

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. Analytes ISO pending. *Based on FL action limits.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
080421.R11	040521.R04	50	7226/0030021
052021.R19	080421.R12		210117060
031620.03			
061521.01			
080421.R13			
032621.R01			

Metal	LOD	Unit	Result	Action Level
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2597g	08/19/21 09:08:59	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001228HEA | Reviewed On - 08/20/21 16:36:28
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 08/17/21 13:23:15

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. Analytes ISO Pending. *Based on FL action limits.

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ISO Accreditation #
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