



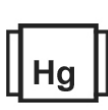
Certificate of Analysis

Mar 02, 2022 | allitom
917 W 18th St
Chicago, IL, 60607, US

Sample:KN20223009-001
Harvest/Lot ID: 52053
Batch#: 52053
Seed to Sale# N/A
Batch Date: 02/01/22
Sample Size Received: 30 gram
Total Weight/Volume: N/A
Retail Product Size: 0.46 gram
ordered : 02/17/22
sampled : 02/17/22
Completed: 03/02/22 Expires: 03/02/23
Sampling Method: SOP Client Method
PASSED

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PRODUCT IMAGE SAFETY RESULTS


**Pesticides
PASSED**

**Heavy Metals
PASSED**

**Microbials
PASSED**

**Mycotoxins
PASSED**

**Residuals
Solvents
PASSED**

**Filth
PASSED**

**Water Activity
NOT TESTED**

**Moisture
NOT TESTED**

**Terpenes
NOT TESTED**

CANNABINOID RESULTS


CBN
2.18%
CBN/Capsule : 10.028 mg

Total CBD
2.434%
Total CBD/Capsule : 11.196 mg

Total Cannabinoids
4.626%
**Total Cannabinoids/Capsule :
21.28 mg**

	TOTAL THC	TOTAL CBD	TOTAL CBG	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	ND	2.434	ND	<0.01	ND	ND	ND	2.434	ND	2.18	ND	ND	ND	ND	0.012	<0.01	ND	ND	ND
mg/g	ND	24.34	ND	<0.1	ND	ND	ND	24.34	ND	21.8	ND	ND	ND	ND	0.12	<0.1	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Filth **PASSED**

Analyzed By	Weight	Extraction date	Extracted By
113	0.5174g	02/23/22	1692
Analyte	LOD	Pass/Fail	Result
Filth and Foreign Material	0.3	Pass	ND
Analysis Method - SOP.T.40.013	Batch Date : 02/23/22 12:10:30		
Analytical Batch - KN002001FIL	Reviewed On - 02/23/22 13:24:04		
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 SW-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Reagent	Weight	Extraction date :	Extracted By :
081321.R04 022122.R01 021622.R03	0.201g	02/24/22 10:02:49	113
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 - KN002004POT Instrument Used : HPLC E-SHI-008 Running On :			
Reviewed On - 02/25/22 10:32:53			
Batch Date : 02/23/22 15:00:46			
Dilution	Consumables ID		
40	947.271 12123-046CC-046		

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/POA detection (HPLC-UV/POA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis). *Based on FL action limits.

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Sue Ferguson

Lab Director

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

Signature

03/02/22

Signed On



Certificate of Analysis

PASSED

allitom

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 Chicago, IL, 60607, US
 Telephone: 3129990987
 Email: tboudrie@allitom.com

 Sample : KN20223009-001
 Harvest/Lot ID: 52053

 Batch# : 52053
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 Sample Method : SOP Client Method

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Pesticides

PASSED

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



Pesticides

PASSED

Analyzed by 143 , 12	Weight 0.6751g	Extraction date 02/23/22 02:02:37	Extracted By 143 ,
Analysis Method - SOP.T.30.060, SOP.T.40.060, Analytical Batch - KN001994PES		Reviewed On - 02/23/22 13:24:04	
Instrument Used : E-SHI-125 Pesticides Running On : 02/22/22 10:39:04		Batch Date : 02/22/22 09:00:47	
Reagent 020322.R13 011822.R09 021722.R02 021722.R01 020922.R08 110521.03	Dilution 10	Consumables ID 210419634 947.271	
Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits. *			



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 Harvest/Lot ID: 52053

 Batch# : 52053
 Sampled : 02/17/22
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 Sample Size Received : 30 gram
 Total Weight/Volume : N/A
 Completed : 03/02/22 Expires: 03/02/23
 Sample Method : SOP Client Method

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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 - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



Residual Solvents

PASSED

Analyzed by 12	Weight 0.02676g	Extraction date 02/23/22 03:02:44	Extracted By 138
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Analysis Method -SOP.T.40.032

Analytical Batch -KN001999SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On : 02/23/22 16:34:14

Batch Date : 02/23/22 10:13:15

Reviewed On - 02/24/22 15:48:28

Reagent	Dilution	Consumables ID
	1	R2017.099 G201.120

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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 Harvest/Lot ID: 52053

 Batch# : 52053
 Sampled : 02/17/22
 Ordered : 02/17/22

 Sample Size Received : 30 gram
 Total Weight/Volume : N/A
 Completed : 03/02/22 Expires: 03/02/23
 Sample Method : SOP Client Method

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result	Pass / Fail	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram.	PASS	AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE		not present in 1 gram.	PASS	AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS		not present in 1 gram.	PASS	AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS		not present in 1 gram.	PASS	AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER		not present in 1 gram.	PASS	OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS		not present in 1 gram.	PASS	TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	
TOTAL YEAST AND MOLD	10	<10	PASS						

Analysis Method -SOP.T.40.043

Analytical Batch -KN002002MIC , KN002003TYM Batch Date : 02/23/22 12:11:16, 02/23/22 12:13:16

Instrument Used : Micro E-HEW-069, E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1, 1	1.0106g	02/23/22 12:02:14	1692, 1692

Reagent

 030121.01
 122921.02
 121521.06
 030421.10

Dilution

1

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.

 Analysis Method -SOP.T.30.060, SOP.T.40.060
 Analytical Batch -KN001995MYC | Reviewed On - 02/24/22 13:17:09
 Instrument Used : E-SHI-125 Mycotoxins
 Running On : 02/22/22 10:38:54 | Batch Date : 02/22/22 09:02:10

Analyzed by	Weight	Extraction date	Extracted By
143	0.6751g	02/23/22 02:02:40	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 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
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Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	<LOQ	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by	Weight	Extraction date	Extracted By
1	7g	NA	NA

 Analysis Method -SOP.T.40.050, SOP.T.30.052
 Analytical Batch -KN002006HEA | Reviewed On - 02/25/22 15:13:52
 Instrument Used : Metals ICP/MS
 Running On : | Batch Date : 02/23/22 18:02:39

Reagent	Dilution	Consums. ID
121421.03	1	107702-05-081520
011022.R08		12235-110CD-110C
011022.R07		
122121.R23		

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.

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Sue Ferguson
 Lab Director

 State License # n/a
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 Signature

03/02/22

Signed On