

Certificate of Analysis

Nov 11, 2021 |

Sample: KN11019002-001
Harvest/Lot ID: THCO Infused Kush 10.13.21
Batch#: THCO Infused Kush 10.13.21
Seed to Sale# N/A
Batch Date: 10/13/21
Sample Size Received: 10 gram
Total Weight/Volume: N/A
Retail Product Size: 3.5 gram
Ordered : 10/12/21
sampled : 10/12/21
Completed: 11/11/21 Expires: 11/11/22
Sampling Method: SOP Client Method

TESTED

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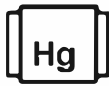
PRODUCT IMAGE



SAFETY RESULTS



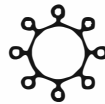
Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
NOT TESTED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.478%



Total CBD
12.972%



Total Cannabinoids
23.205%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	Δ9-THC	Δ8-THC	D10-THC	CBC	THCA	THC-O
%	0.016	12.921	1.042	0.083	1.641	0.021	<0.01	ND	0.213	0.642	0.059	0.188	9.076
mg/g	0.16	129.21	10.42	0.83	16.41	0.21	<0.1	ND	2.13	6.42	0.59	1.88	90.76
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
142	0.5688g	NA	NA
Analyte	LOD	Result	NA
Filtration and Foreign Material	0.3	ND	
Analysis Method -SOP.T.40.013	Batch Date : 10/20/21 11:13:34		
Analytical Batch -KN0014660FIL	Reviewed On - 10/20/21 11:37:07		
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-213 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2127g	10/20/21 02:39:17	113
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix Δ9-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 -KN001457POT Instrument Used : MPLC E-SHI-008		Running On :	Reviewed On - 11/11/21 18:25:10
			Batch Date : 10/20/21 08:34:09

Reagent	Dilution	Consums. ID
081321.R04	0	0 788291.217
101821.R01		12123-0 66C-0 6
101321.R01		

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 FI action limits.

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

Sue Ferguson
Signature

11/11/21
SIGNED
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Microbials **PASSED**



Mycotoxins **PASSED**

Analyte	LOD	Result
LISTERIA_MONOCYTOGENE		not present in 1 gram.
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 -KN001453MIC Batch Date : 10/19/21 12:09:14
Instrument Used :
Running On : 10/20/21 08:53:02

Analyzed by	Weight	Extraction date	Extracted By
142	0.9780g	NA	NA

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.

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 -KN001440MYC | Reviewed On - 10/21/21 16:26:32
Instrument Used : E-SHI-125 Mycotoxins
Running On : 10/15/21 17:13:43
Batch Date : 10/15/21 13:40:26

Analyzed by	Weight	Extraction date	Extracted By
143	1.02g	10/19/21 02:10:22	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**

Reagent	Dilution	Consums. ID
090721.01	50	7226/0030021
092121.R22		210117060
080421.R13		
040521.R04		

Metal	LOD	Unit	Result	Action Level
ARSENIC-AS	0.02	ppm	0.041	1.5
CADMIUM-CD	0.02	ppm	0.223	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	0.043	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2542g	10/21/21 12:10:17	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001454HEA | Reviewed On - 10/21/21 13:46:48
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 10/19/21 12:19:02

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. *Based on FL action limits.

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