

Certificate of Analysis

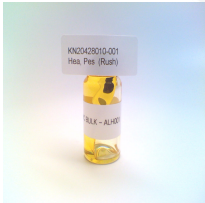
Sample: KN20428010-001
Harvest/Lot ID: N/A
Batch#: MCH001
Seed to Sale#: N/A
Batch Date: 04/19/22
Sample Size Received: 7 gram
Total Weight/Volume: N/A
Retail Product Size: N/A gram
ordered : 04/21/22
sampled : 04/21/22
Completed: 05/04/22
Sampling Method: SOP Client Method

May 04, 2022 |

PASSED

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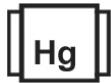
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
NOT TESTED



Mycotoxins
NOT TESTED



Residuals Solvents
PASSED



Filtch
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.



Cannabinoid

PASSED



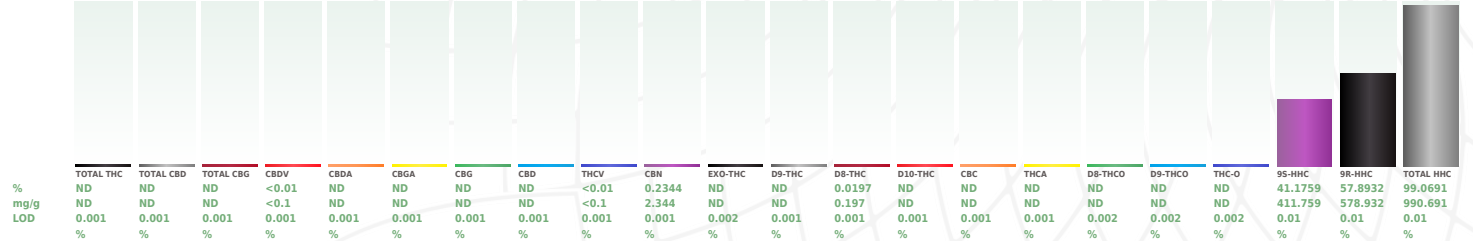
Total CBN
0.234%



Total HHC
99.069%



Total Cannabinoids
99.323%



Analyzed by **113** Weight **0.2099g** Extraction date : **04/29/22 09:45:28** Extracted By : **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.
 Reviewed On - 04/29/22 14:00:34 Batch Date : 04/28/22 11:49:43
 Analytical Batch -KN002339POT Instrument Used : HPLC E-SHI-008 Running On :
 Dilution : 40
 Reagent : 081321.R04; 042622.R14; 042122.R02
 Consumables : 947B9291.271; 12123-046CC-046

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

Analyzed by **2368,138,12** Weight **0.2099g** Extraction date : **05/03/22 16:04:20** Extracted By : **138**
 Analysis Method -SOP.T.30.074, SOP.T.40.074 Reviewed On - 05/03/22 16:30:53 Batch Date : 05/03/22 10:59:35
 Analytical Batch -KN002359HHC Instrument Used : E-AGI-178 Running On :
 Dilution : 2000
 Reagent : 040822.15
 Consumables : n/a; 200331059; 947B9291.217; 280083251


Analysis Method SOP.T.30.050 Description: Total Hexahydrocannabinol (9S & 9R-HHC) analysis is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) Analytes ISO Pending

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Sue Ferguson

Lab Director

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



Signature

05/04/22

Signed On

Certificate of Analysis

PASSED

Sample : KN20428010-001
Harvest/Lot ID: N/A

Batch# : MCH001
Sampled : 04/21/22
Ordered : 04/21/22

Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 05/04/22 Expires: 05/04/23
Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	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
CLOFENTEZINE	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						
NALED	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

Analysis Method -SOP.T.30.060, SOP.T.40.060
 Analytical Batch -KN002343PES
 Instrument Used : E-SHI-125 Pesticides
 Running on :
 Analyzed by: 12 Weight: 0.5504g Extraction date: 05/02/22 13:52:40 Extracted by: 12
 Dilution : 10
 Reagent : 121421.04; 051021.01; 101821.02; 041522.R04; 041522.R05; 041322.R01
 Consumables : 210419634; 210419634; 947.251
 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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Sue Ferguson

Lab Director

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

Sue Ferguson
Signature

05/04/22

Signed On

Certificate of Analysis

PASSED

 Sample : KN20428010-001
 Harvest/Lot ID: N/A
 Batch# : MCH001
 Sampled : 04/21/22
 Ordered : 04/21/22

 Sample Size Received : 7 gram
 Total Weight/Volume : N/A
 Completed : 05/04/22 Expires: 05/04/23
 Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	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



Solvents

PASSED

Analyzed by 2368,138,12	Weight 0.02076g	Extraction date 04/28/22 16:41:40	Extracted By 138
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Analysis Method -SOP.T.40.032

Analytical Batch -KN002336SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On :

Batch Date : 04/28/22 09:26:27

Reviewed On - 04/29/22 16:42:42

Dilution : 1

Reagent :

Consumables : R2017.099; G201.120

Residual solvents analysis 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). *Based on FL action limits.

Sue Ferguson

Lab Director

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05/04/22

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Certificate of Analysis

PASSED
Sample : KN20428010-001
Harvest/Lot ID: N/A
Batch# : MCH001
Sampled : 04/21/22
Ordered : 04/21/22
Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 05/04/22 Expires: 05/04/23
Sample Method : SOP Client Method
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Hg

Heavy Metals

PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	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
2368,12	6g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN002338HEA | Reviewed On - 04/28/22 20:42:40
Instrument Used : Metals ICP/MS
Running On : | Batch Date : 04/28/22 10:37:34

Dilution : 1
Reagent :
Consumables :
 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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Sue Ferguson
 Lab Director
 State License # n/a
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 Signature

05/04/22
 Signed On