



Certificate of Analysis

Sample:KN30111002-002
Harvest/Lot ID: 23003
Batch#: 23003
Seed to Sale# N/A
Batch Date: 01/03/23
Sample Size Received: 13.47 gram
Total Batch Size: N/A
Retail Product Size: 355 gram
Ordered : 01/09/23
Sampled : 01/09/23
Completed: 01/16/23
Sampling Method: N/A

Jan 16, 2023 | The Hemp Division
5723 Route 22
Millerton, NY, 12546, US

PASSED
Page 1 of 5

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

Cannabinoid **PASSED**

CBC 0.0003% CBC/sachet brewed : 1.136 mg	Total CBD 0.0060% Total CBD/sachet brewed : 21.209 mg	Total Cannabinoids 0.0063% Total Cannabinoids/sachet brewed : 22.4365 mg
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	ND	0.0002	ND	ND	0.0058	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND
mg/g	ND	0.0021	ND	ND	0.0579	ND	ND	ND	ND	ND	ND	0.0032	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	0.0002	0.0002	0.0002	0.0002	0.0002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2368, 2657, 2837 Weight: 2.0599g Extraction date: 01/12/23 11:24:35 Extracted by: 2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCA: ± 0.124, TOTAL THC ± 0.112. 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 : KN003335POT Reviewed On : 01/13/23 15:09:48

Instrument Used : HPLC E-SHI-008 Batch Date : 01/11/23 13:46:22

Running on : N/A

Dilution : N/A

Reagent : 110422.09; 100422.02; 011123.R03; 011123.R01; 102722.10; 100522.06

Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.100; GD210005

Pipette : E-VWR-121

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

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Sue Ferguson

Lab Director

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

Signature

01/16/23

Signed On



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PASSED

The Hemp Division

 5723 Route 22
 Millerton, NY, 12546, US
 Telephone: (914) 643-6617
 Email: rose@harneyteas.com

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 Sample Method : SOP Client Method

Page 2 of 5



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	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PROCONAZOLE	0.01	ppm	1	PASS	ND
ACEQUINOXYL	0.01	ppm	2	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CLOFENTAZINE	0.01	ppm	0.5	PASS	ND						
COUMAPHOS	0.01	ppm	0.1	PASS	ND	Analized by:	Weight:	Extraction date:	Extracted by:		
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	2368, 2803	0.5008g	01/12/23 15:43:29	2803		
DIAZANON	0.01	ppm	0.2	PASS	ND	Analysis Method :	SOP.T.40.101.TN				
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analytical Batch :	KN003341PES				
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Instrument Used :	E-SHI-125 Pesticides				
DIMETHOMORPH	0.01	ppm	3	PASS	ND	Running on :	N/A				
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Dilution :	0.01				
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Reagent :	101722.01; 010523.R12; 010623.R03; 010323.R21; 010323.R22; 032221.01; 092222.R22				
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Consumables :	294108110; K130252; 22/04/01; n/a; B9291.100; 21267B0; 264041; 241572; 211214634-D; 239146; 947b9291.100; GD220003; 0000257576; 1350331				
FENHEXAMID	0.01	ppm	3	PASS	ND	Pipette :	E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119				
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.					
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						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						

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Sue Ferguson

Lab Director

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

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 Email: rose@harneyteas.com

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 Sample Method : SOP Client Method

Page 3 of 5



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	53.9253
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

Analyzed by: N/A	Weight: N/A	Extraction date: N/A	Extracted by: N/A
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 Analysis Method : SOP.T.40.041.TN
 Analytical Batch : KN003333SOL
 Instrument Used : E-SHI-106 Residual Solvents
 Running on : N/A

 Reviewed On : 01/13/23 19:40:59
 Batch Date : 01/11/23 12:40:03

 Dilution : N/A
 Reagent : N/A
 Consumables : R2017.167; G201.100
 Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.

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Page 4 of 5

	Microbial	PASSED
	Mycotoxins	PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 2805 Weight: 1.0667g Extraction date: 01/11/23 15:54:34 Extracted by: 2805
 Analysis Method : SOP.T.40.043 Reviewed On : 01/16/23 17:04:26
 Analytical Batch : KN003334MIC Batch Date : 01/11/23 12:52:10
 Instrument Used : Micro E-HEW-069 Running on : N/A
 Dilution : N/A
 Reagent : 101822.08; 121322.11; 072722.02; 121422.02
 Consumables : 22/04/01; 251773; 242429; 0980420; P7528255; 250346; 253850; 93825; n/a; 247040; 10RWJ0415W03
 Pipette : E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054; E-BIO-188

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

Analyzed by: 2803 Weight: 0.5008g Extraction date: 01/12/23 15:43:29 Extracted by: 2803
 Analysis Method : SOP.T.40.101.TN Reviewed On : 01/13/23 15:42:01
 Analytical Batch : KN003344MYC Batch Date : 01/12/23 15:52:03
 Instrument Used : E-SHI-125 Mycotoxins Running on : N/A
 Dilution : 0.01
 Reagent : 101722.01; 010523.R12; 010623.R03; 010323.R21; 010323.R22; 032221.01; 092222.R22
 Consumables : 294108110; K130252; 22/04/01; n/a; B9291.100; 2126780; 264041; 241572; 211214634-D; 239146; 947b9291.100; GD220003; 0000257576; 1350331
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	<0.1	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	0.2514	PASS	0.5

Analyzed by: 2368, 2837, 3050 Weight: 0.2515g Extraction date: 01/13/23 11:37:34 Extracted by: 2837
 Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Reviewed On : 01/13/23 19:37:10
 Analytical Batch : KN003342HEA Batch Date : 01/12/23 13:37:28
 Instrument Used : Metals ICP/MS Running on : N/A
 Dilution : N/A
 Reagent : 110422.09; 100422.02; 010323.R23; 122822.R06; 032522.01; 111122.09; 111022.R03; 120122.R05; 010323.R06
 Consumables : 257747; 829C6-829B; 108779-06-102921; 12568-237CD-237C; A30697912
 Pipette : E-EPP-081; E-EPP-082

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. *Based on FL action limits.

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Page 5 of 5

	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2805	Weight: 0.5928g	Extraction date: 01/11/23 15:52:31	Extracted by: 2805
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Analysis Method : SOP.T.40.090
Analytical Batch : KN003308FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 01/11/23 15:52:52
Batch Date : 01/03/23 10:22:41

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

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

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