



Certificate of Analysis

Sample:KN20318001-001

Harvest/Lot ID: 10055

Batch#: 0055

Seed to Sale# N/A

Batch Date: 03/14/22

Sample Size Received: 10 gram

Total Weight/Volume: N/A

Retail Product Size: 1000 gram

ordered : 03/14/22

sampled : 03/14/22

Completed: 04/12/22 Expires: 04/12/23

Sampling Method: SOP Client Method

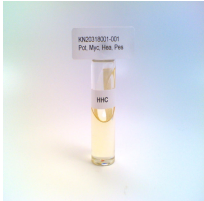
Apr 12, 2022 | Lion's Gold INC

605 East Palace Pkwy, C6
Grand Prairie, Texas
75050

PASSED

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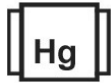
PRODUCT IMAGE



SAFETY RESULTS



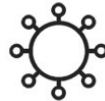
Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.



Cannabinoid

PASSED



Total HHC

89.077%



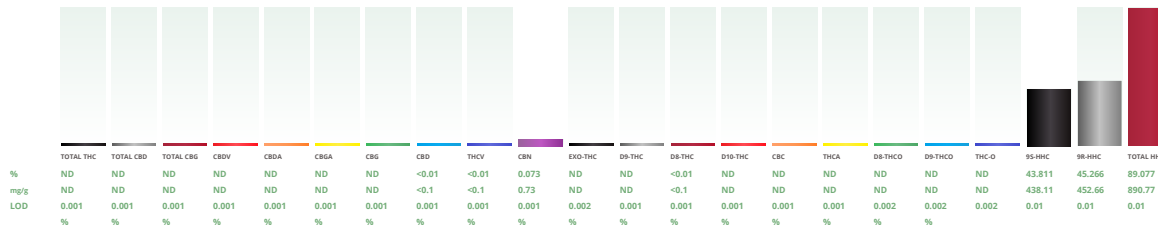
Total CBN

0.073%



Total Cannabinoids

89.150%



PASSED

Analyzed By: 1692
Weight: 0.2373g
Extraction date: 03/18/22
Extracted By: 1692

Analysis Method: SOP.T.40.031
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-2115 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by: 1130_20663718/22 09:03:12
Weight: 0.2373g
Extraction date: 03/18/22
Reviewed On: 03/18/22 15:57:21
Batch Date: 03/17/22 10:05:06

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.40.031 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

04/12/22
Signed On



Certificate of Analysis

PASSED
Lion's Gold INC
 605 East Palace Pkwy, C6
 Grand Prairie, Texas 75050
 Telephone: (817) 233-0427
 Email: lionsgold007@gmail.com

Sample : KN20318001-001
Harvest/Lot ID: 10055
Batch# : 0055 **Sample Size Received : 10 gram**
Sampled : 03/14/22 **Total Weight/Volume : N/A**
Ordered : 03/14/22 **Completed : 04/12/22** **Expires: 04/12/23**
Sample Method : SOP Client Method
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Pesticides

PASSED

Pesticides	LODUnits	Action Level	Pass/Fail	Result	Pesticides	LODUnits	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	PROCONAZOLE	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

Analyzed by Weight Extraction date Extracted By
 10.5876g03/18/22 11:03:40143
Analysis Method - SOP.T.30.060, SOP.T.40.060,
Analytical Batch : KN002121PES **Reviewed On** : 03/18/22 15:28:04
Instrument Used : E-SHI-125 Pesticides
Running On : 03/18/22 11:04:37 **Batch Date** : 03/18/22 09:40:44
Dilution : 10
Reagent : 030922.R30; 110521.03; 022322.R02; 031722.R02; 031722.R01; 031022.R02
Consumables : 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


 Signature

 04/12/22
 Signed On




Certificate of Analysis

PASSED
Lion's Gold INC
 605 East Palace Pkwy, C6
 Grand Prairie, Texas 75050
Telephone: (817) 233-0427
Email: lionsgold007@gmail.com

Sample : KN20318001-001
Harvest/Lot ID: 10055
Batch# : 0055 **Sample Size Received :** 10 gram
Sampled : 03/14/22 **Total Weight/Volume :** N/A
Odered : 03/14/22 **Completed :** 04/12/22 **Expires:** 04/12/23
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	Weight	Extraction date	Extracted By
1	0.02043g	03/18/22 03:03:57	138

Analysis Method -SOP.T.40.032
Analytical Batch -KN00211950L **Reviewed On -** 03/23/22 16:46:16
Instrument Used : E-SHI-106 Residual Solvents
Running On : 03/18/22 15:43:07
Batch Date : 03/18/22 08:41:10

Dilution : 1

Reagent :
Consumables : 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.



Certificate of Analysis

PASSED
Lion's Gold INC
 605 East Palace Pkwy, C6
 Grand Prairie, Texas 75050
Telephone: (817) 233-0427
Email: lionsgold007@gmail.com

Sample : KN20318001-001
Harvest/Lot ID : 10055
Batch# : 0055 **Sample Size Received :** 10 gram
Sampled : 03/14/22 **Total Weight/Volume :** N/A
Odered : 03/14/22 **Completed :** 04/12/22 **Expires:** 04/12/23
Sample Method : SOP Client Method

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result	Pass / Fail
LISTERIA MONOCYTOGENE	2000	ND	TESTED
ESCHERICHIA COLI SHIGELLA SPP	1726	ND	PASS
SALMONELLA SPECIFIC GENE	10000	ND	PASS
ASPERGILLUS FLAVUS	10000	ND	PASS
ASPERGILLUS FUMIGATUS	10000	ND	PASS
ASPERGILLUS NIGER	10000	ND	PASS
ASPERGILLUS TERREUS	10000	ND	PASS

Analysis Method -SOP.T.40.043
Analytical Batch -KN002125MIC Batch Date : 03/18/22 12:25:15
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1	1.0046g	03/18/22 12:03:48	1692

Dilution : 1
Reagent :
Consumables :

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	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	TESTED	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN002122MYC | Reviewed On - 03/18/22 15:33:32
Instrument Used : E-SHI-125 Mycotoxins
Running On : 03/18/22 11:04:40 | Batch Date : 03/18/22 09:41:28

Analyzed by	Weight	Extraction date	Extracted By
143	0.5876g	03/18/22 11:03:23	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
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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
12	0.2511g	04/09/22 03:04:21	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN002122MYC | Reviewed On - 03/18/22 19:49:39
Instrument Used : Metals ICP/MS
Running On : | Batch Date : 03/16/22 14:57:37
Dilution : 1
Reagent : 121421.03; 011022.R08; 020422.R07; 011022.R07
Consumables : 107702-05-081520; 12235-110CD-110C

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.