



Certificate of Analysis

Jul 07, 2020 | Nu-X Ventures

5201 Interchange Way
Louisville, Kentucky, 40229, United States



Sample: M000702013-001

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch Date :N/A

Batch#: 6.173711320RRC10LB

Sample Size Received: 10 gram

Retail Product Size: 3.5

Ordered : 07/02/20

Sampled : 07/02/20

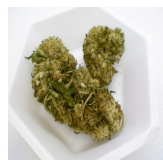
Completed: 07/07/20 Expires: 07/07/21

Sampling Method: SOP Client Method

PASSED

Page 1 of 3

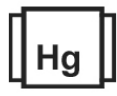
PRODUCT IMAGE



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
0.050%



Total CBD
0.000%



Total Cannabinoids
12.026%



Filtration

PASSED

Analyzed By 1 Weight NA Extraction date NA LOD(ppm) NA Extracted By NA

Analysis Method -SOP.T.40.020, SOP.T.30.050 Batch Date :
Analytical Batch -NA Reviewed On - 07/03/20 11:44:34
Instrument Used :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
0.050%	ND	ND	ND	ND	ND	ND	ND	0.210%	0.679%	11.087%
0.500 mg/g	ND	ND	ND	ND	ND	ND	ND	2.100 mg/g	6.790 mg/g	110.870 mg/g
LOD 0.0001	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 19 Weight 1g Extraction date : 07/03/20 10:07:48 Extracted By : 1

Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 07/06/20 10:45:53
Analytical Batch -M000728POT Instrument Used : HPLC Potency Analyzer Batch Date : 07/03/20 10:24:33

Reagent Dilution Consums. ID

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. LOQ for all cannabinoids is 1 mg/L). Measurement of Uncertainty: 2.7%

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

David Greene
Lab Director

State License # 19-05-02P
ISO Accreditation #
17025:2017

David Greene

Signature

07/07/2020

Signed On



Certificate of Analysis

PASSED
Nu-X Ventures

5201 Interchange Way
Louisville, Kentucky, 40229, United States
Telephone: (502) 209-0332
Email: mmorris@tpbi.com

Sample : MO00702013-001
Harvest/LOT ID: N/A
Batch# :
6.173711320RRC10LB
Sampled : 07/02/20
Ordered : 07/02/20

Sample Size Received : 10 gram
Completed : 07/07/20 **Expires:** 07/07/21
Sample Method : SOP Client Method

Page 2 of 3


Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND	PRALLETHRIN	0.050	ppm	0.2	ND
ACEPHATE	0.010	ppm	0.5	ND	PROPICONAZOLE	0.010	ppm	0.4	ND
ACEQUINOCYL	0.02	ppm	2	ND	PROPOXUR	0.010	ppm	0.2	ND
ACETAMIPRID	0.010	ppm	0.2	ND	PYRETHRIN I	0.010	ppm	1	ND
ALDICARB	0.020	ppm	0.4	ND	PYRIDABEN	0.005	ppm	0.2	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND	SPINETORAM	0.005	ppm	0.5	ND
BIFENAZATE	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND	SPIROMESIFEN	0.010	ppm	0.2	ND
CARBARYL	0.010	ppm	0.2	ND	SPIROTETRAMAT	0.020	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND	SPIROXAMINE	0.010	ppm	0.4	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND	TEBUCONAZOLE	0.010	ppm	0.4	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND	THIACLOPRID	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND	THIAMETHOXAM	0.010	ppm	0.5	ND
COUMAPHOS	0.005	ppm	0.2	ND	TRIFLOXYSTROBIN	0.010	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND					
DAMINOZIDE	0.010	ppm	1	ND					
DIAZANON	0.010	ppm	0.2	ND					
DICHLORVOS	0.050	ppm	0.1	ND					
DIMETHOATE	0.010	ppm	0.2	ND					
DIMETHOMORPH	0.005	ppm	0.1	ND					
ETHOPROPHOS	0.010	ppm	0.2	ND					
ETOFENPROX	0.010	ppm	0.4	ND					
ETOXAZOLE	0.010	ppm	0.2	ND					
FENHEXAMID	0.005	ppm	0.1	ND					
FENOXYCARB	0.010	ppm	0.2	ND					
FENPYROXIMATE	0.010	ppm	0.4	ND					
FIPRONIL	0.020	ppm	0.4	ND					
FLONICAMID	0.010	ppm	1	ND					
FLUDIOXONIL	0.010	ppm	0.4	ND					
HEXYTHIAZOX	0.010	ppm	1	ND					
IMAZALIL	0.010	ppm	0.2	ND					
IMIDACLOPRID	0.010	ppm	0.4	ND					
KRESOXIM-METHYL	0.010	ppm	0.4	ND					
MALATHION	0.010	ppm	0.2	ND					
METALAXYL	0.010	ppm	0.2	ND					
METHIOCARB	0.010	ppm	0.2	ND					
METHOMYL	0.010	ppm	0.6	ND					
MEVINPHOS	0.010	ppm	0.1	ND					
MYCLOBUTANIL	0.010	ppm	0.2	ND					
NALED	0.010	ppm	0.5	ND					
OXAMYL	0.010	ppm	1	ND					
PACLOBUTRAZOL	0.010	ppm	0.4	ND					
PERMETHRINS	0.050	ppm	1	ND					
PHOSMET	0.010	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.010	ppm	3	ND					



Pesticides

PASSED
Analyzed by 9 **Weight** 1.0001g **Extraction date** 07/06/20 02:07:37 **Extracted By** 9

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - MO000738PES
Instrument Used : LCMSMS 8060 P
Batch Date : 07/06/20 13:44:14

Reviewed On- 07/03/20 11:44:34

Reagent	Dilution	Consums. ID
102919.29		GLC
103019.28		00280227
103019.36		931CC
103019.34		
103019.32		

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *



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PASSED
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 Louisville, Kentucky, 40229, United States
Telephone: (502) 209-0332
Email: mmorris@tpbi.com

Sample : MO00702013-001
Harvest/LOT ID: N/A
Batch# :
 6.173711320RRC10LB
Sampled : 07/02/20
Ordered : 07/02/20

Sample Size Received : 10 gram
Completed : 07/07/20 **Expires:** 07/07/21
Sample Method : SOP Client Method

Page 3 of 3

	Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Action Level (PPM)	Reagent
AFLATOXIN G2	0.001	ppm	ND	0.02	110119.52
AFLATOXIN G1	0.001	ppm	ND	0.02	110119.44
AFLATOXIN B2	0.001	ppm	ND	0.02	112519.01
AFLATOXIN B1	0.001	ppm	ND	0.02	110119.36
OCHRATOXIN A+	0.001	ppm	ND	0.02	

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -MO000739MYC | Reviewed On - 07/07/20 09:55:22

Instrument Used :

Batch Date : 07/06/20 13:44:53

Analyzed by	Weight	Extraction date	Extracted By
9	1g	NA	NA

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.

	Heavy Metals	PASSED
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Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	10
CADMIUM	0.02	ppm	ND	4.1
LEAD	0.02	ppm	0.317	10
MERCURY	0.02	ppm	ND	2

Analyzed by	Weight	Extraction date	Extracted By
18	0.477g	07/07/20 10:07:38	18

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -MO000744HEA | Reviewed On - 07/07/20 13:13:41

Instrument Used : ICP-MS 2030

Batch Date : 07/07/20 10:50:08

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. *Action Limits based on Colorado Regulations.

	Microbials	PASSED
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Analyte	Result
ASPERGILLUS_TERREUS_1J2	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_FLAVUS	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.

Analysis Method -SOP.T.40.043

Analytical Batch -NA | Reviewed On - 07/06/20 16:32:21

Instrument Used :

Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

Reagent	Dilution	Consums. ID
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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.