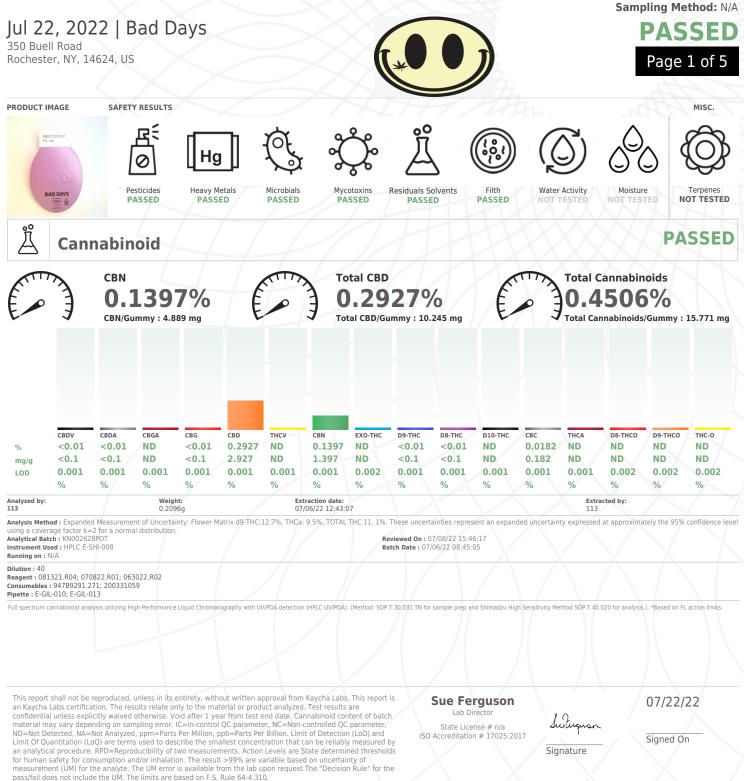


Certificate of Analysis

Lights Out N/A Matrix: Derivative



Sample:KN20705025-001 Harvest/Lot ID: BD-LOV3-1C Batch#: 6-16-22 Seed to Sale# N/A Batch Date: 06/16/22 Sample Size Received: 105 gram Total Batch Size: N/A Retail Product Size: 3.5 gram Ordered : 06/30/22 Sampled : 06/30/22 Completed: 07/22/22





Pesticides

10427 Cogdill Road, Suite 500 Knoxville, TN, 37932, US DEA Number: RK0595249

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Lights Out N/A Matrix : Derivative



PASSED

PASSED

Page 2 of 5

Certificate of Analysis

Bad Days

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350 Buell Road Rochester, NY, 14624, US Telephone: (315) 406-6767 Email: seth@nowave.com

Sample : KN20705025-001 Harvest/Lot ID: BD-LOV3-1C Batch# : 6-16-22 Sampled : 06/30/22 Ordered : 06/30/22

Sample Size Received : 105 gram Total Batch Size : N/A Completed : 07/22/22 Expires: 07/22/23 Sample Method : SOP Client Method

Pesticide	105	Units	Action	Dage/Ec!	Result
Pesticiae	LOD	Units	Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
АСЕРНАТЕ	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	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

Pesticide		LOD	Units	Action Level	Pass/Fail	Result
PIPERONYL BUTOXID	ppm	3	PASS	ND		
PRALLETHRIN 0.01				0.4	PASS	ND
PROPICONAZOLE	ppm	1	PASS	ND		
PROPOXUR	ppm	0.1	PASS	ND		
PYRETHRINS	ppm	1	PASS	ND ND		
PYRIDABEN	ppm	3	PASS			
PINETORAM		0.01	ppm	3	PASS	ND
SPIROMESIFEN		0.01	ppm	3	PASS	ND
SPIROTETRAMAT		0.01	ppm	3	PASS	ND
PIROXAMINE	ppm	0.1	PASS PASS PASS	ND		
EBUCONAZOLE	ppm 1 ppm 0.1	1		ND		
HIACLOPRID		0.1		ND		
HIAMETHOXAM	0.01	ppm	1 3 3	PASS PASS	ND ND	
TOTAL SPINOSAD	0.01	ppm				
RIFLOXYSTROBIN		0.01	ppm	3	PASS	ND
nalyzed by: 368, 12	Weight: 0.2075g	Extractio 07/18/22			Extracted 12	d by:
Analysis Method :SOF Analytical Batch :KNO nstrument Used :E-S Running on :N/A	Reviewed On :07/18/22 11:20:57 Batch Date :07/18/22 10:43:41					
Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A						

Protect : N/A 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

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07/22/22



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Lights Out N/A Matrix : Derivative



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Certificate of Analysis

Bad Days

350 Buell Road Rochester, NY, 14624, US **Telephone:** (315) 406-6767 **Email:** seth@nowave.com Sample : KN20705025-001 Harvest/Lot ID: BD-LOV3-1C Batch# : 6-16-22 Sampled : 06/30/22 Ordered : 06/30/22

Sample Size Received : 105 gram Total Batch Size : N/A Completed : 07/22/22 Expires: 07/22/23 Sample Method : SOP Client Method



PASSED

Residual Solvents

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	25.5735
THYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
THANOL	500	ppm	5000	PASS	ND
THYL ETHER	50	ppm	5000	PASS	ND
.1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
CETONE	75	ppm	5000	PASS	ND
-PROPANOL	50	ppm	500	PASS	ND
CETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
I-HEXANE	25	ppm	290	PASS	ND
THYL ACETATE	40	ppm	5000	PASS	ND
HLOROFORM	0.2	ppm	60	PASS	ND
ENZENE	0.1	ppm	2	PASS	ND
,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
EPTANE	500	ppm	5000	PASS	ND
RICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND
nalyzed by: I/A	Weight: N/A	Extraction date: N/A		Extracted by: N/A	
Analysis Method : SOP.T.40.032 Analytical Batch : KN002646SOL nstrument Used : E-SHI-106 Residual Solvents Running on : N/A			Reviewed On : 07/14/22 Batch Date : 07/12/22 0		XX

Consumables : R2017.126; (Pipette : N/A

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.

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07/22/22



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Lights Out N/A Matrix : Derivative



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Bad Days

350 Buell Road Rochester, NY, 14624, US Telephone: (315) 406-6767 Email: seth@nowave.com

Sample : KN20705025-001 Harvest/Lot ID: BD-LOV3-1C Batch# : 6-16-22 Sampled : 06/30/22 Ordered : 06/30/22

Sample Size Received : 105 gram Total Batch Size : N/A Completed : 07/22/22 Expires: 07/22/23 Sample Method : SOP Client Method

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POF Microhial

(OF	Microbia	al 💦		PASS	ED
Analyte		LOD Units	Result	Pass /	Action Level
LISTERIA MO	NOCYTOGENE		Not Present	PASS	
ESCHERICHI SPP	A COLI SHIGELLA		Not Present	PASS	
SALMONELL	A SPECIFIC GENE		Not Present	PASS	
ASPERGILLU	S FLAVUS		Not Present	PASS	
ASPERGILLU	S FUMIGATUS		Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	
Analyzed by: 2368, 1692, 12	Weight: 1.0025g	Extraction date: 07/12/22 09:16:33		Extracted by 1692	:/
Analytical Bate Instrument Us	od : SOP.T.40.043 ch : KN002645MIC ed : Micro E-HEW-069 7/12/22 13:37:41		Dn : 07/14/22 : 07/12/22 08		
Dilution : N/A					

Reagent : 051922.03; 031022.05; 032922.09 Consumables : P7530724

Pipette : N/A

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 Visate which avoids purification. (Method SOP.T.40.043) if a pathogenic Escherichia Coli, Salmonella, Aspergillus firmigatus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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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
OCHRATOXI	A+		0.002	ppm	ND	PASS	0.02
TOTAL MYCO	TOXINS		0.002	ppm	ND	PASS	0.02
			tion date: Extracted by: /22 14:54:08 12				
Analytical Bate	od : SOP.T.30.060, SO h : KN002689MYC ed : E-SHI-125 Mycoto /A				:07/22/22)7/22/22 1		
Dilution : N/A Reagent : N/A Consumables : Pipette : N/A	N/A						

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

Heavy Metals PASSED Hg LOD Units Pass / Action Metal Result Fail Level ARSENIC-AS 0 02 maa ND PASS 15 CADMIUM-CD 0.02 ND PASS 0.5 ppm MERCURY-HG PASS 0.02 ND 3 ppm LEAD-PB 0.02 ND PASS 0.5 ppm Extraction date: Analyzed by: Extracted by: Weight: 2368, 138, 12 0.2518g 07/14/22 16:33:06 138 Analysis Method : SOP T 40 050 SOP T 30 052 Analytical Batch : KN002651HEA Reviewed On : 07/15/22 23:05:36 Instrument Used : Metals ICP/MS Batch Date : 07/13/22 11:58:25 Running on : N/A Dilution : 50 Reagent : 121421.07; 011320.01; 062022.R04; 032522.01; 040822.01; 071222.R13; 030422.R15; 071122.R12

Consumables : 829C6-829B; 108779-06-102921; CFT415500

Pipette : N/A

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

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Lights Out N/A Matrix : Derivative



Certificate of Analysis

Bad Days

350 Buell Road Rochester, NY, 14624, US **Telephone:** (315) 406-6767 **Email:** seth@nowave.com Sample : KN20705025-001 Harvest/Lot ID: BD-LOV3-1C Batch# : 6-16-22 Sampled : 06/30/22 Ordered : 06/30/22

PASSED

Sample Size Received : 105 gram Total Batch Size : N/A Completed : 07/22/22 Expires: 07/22/23 Sample Method : SOP Client Method



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PASSED

Filth/Foreign Material

Analyte Filth and Foreigi	n Material	LOD 1		Result ND	P/F PASS	Action Leve
Analyzed by: 2368, 1692	Weight: 0.6657g		raction date: 12/22 09:17:43	3	Extr 1693	acted by: 2
Analysis Method : S Analytical Batch : k Instrument Used : Running on : N/A	N002644FIL		Review		07/12/22 09 7/12/22 08:2	
Dilution : N/A Reagent : N/A Consumables : 519 Pipette : N/A	001					

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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07/22/22