



Certificate of Analysis

Jun 29, 2021 | Nowave

350 Buell Road
Rochester, NY, 14624, US

NOWAVE



Sample:KN10618001-001

Harvest/Lot ID: 6-3-21

Seed to Sale #N/A

Batch Date :06/03/21

Batch#: 6-3-21

Sample Size Received: 20 units

Total Weight/Volume: N/A

Retail Product Size: 3.8 gram

Ordered : 06/14/21

sampled : 06/14/21

Completed: 06/28/21 Expires: 06/28/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 5

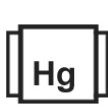
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

CANNABINOID RESULTS



Total THC
0.000%

TOTAL THC/Gummy :0.000 mg



Total d8-THC
1.525%

D8 THC/Gummy :57.980 mg



Total Cannabinoids
1.536%

Total Cannabinoids/Gummy
:58.382 mg

CBDV	CBD	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	<0.010	<0.010	ND	<0.010	<0.010	<0.010	1.5250	<0.010	<0.010
mg/g	ND	<0.010	<0.010	ND	<0.010	<0.010	<0.010	15.2500	<0.010	<0.010
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
142	0.8259g	NA	NA
Analyte			LOD
Filtration and Foreign Material			0.3
Analysis Method -SOP.T.40.013		Batch Date : 06/22/21 09:41:53	
Analytical Batch -KN001028FIL		Reviewed On - 06/22/21 10:02:19	
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-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2028g	06/18/21 09:06:45	946
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.			
Analytical Batch -KN001016POT Instrument Used : HPLC E-SHI-008		Running On :	Reviewed On - 06/18/21 11:23:11
			Batch Date : 06/17/21 14:30:55

Reagent	Dilution	Consums. ID
120320.R02	40	94789291.217
061421.R01		200331059
061421.R02		

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.). *Based on FL action limits.

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Sue Ferguson

Lab Director

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

Sue Ferguson

Signature

06/28/21

Signed On



Certificate of Analysis

PASSED

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

Sample : KN10618001-001

Harvest/LOT ID: 6-3-21

Batch# : 6-3-21

Sampled : 06/14/21

Ordered : 06/14/21

Sample Size Received : 20 units

Total Weight/Volume : N/A

Completed : 06/28/21 **Expires:** 06/28/22

Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)
PULEGONE	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND	
GERANIOL	0.007	< 0.2	< 0.020	
GERANYL ACETATE	0.007	ND	ND	
GUAJOL	0.007	ND	ND	
LIMONENE	0.007	2.837	0.283	
LINALOOL	0.007	< 0.2	< 0.020	
NEROL	0.007	ND	ND	
OCIMENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
TERPINEOL	0.007	ND	ND	
TERPINOLENE	0.007	ND	ND	
TRANS-CARYOPHYLLENE	0.007	< 0.2	< 0.020	
TRANS-NEROLIDOL	0.007	ND	ND	
VALENCENE	0.007	< 0.2	< 0.020	
CEDROL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND	
ALPHA-TERPINENE	0.007	ND	ND	
BETA-MYRCENE	0.007	ND	ND	
BETA-PINENE	0.007	ND	ND	
BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	ND	ND	
CAMPHOR	0.013	ND	ND	
CARYOPHYLLENE OXIDE	0.007	ND	ND	
ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	

Terpenes	LOD(%)	mg/g	%	Result (%)
CIS-NEROLIDOL	0.007	ND	ND	
3-CARENE	0.007	ND	ND	
FENCHYL ALCOHOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND	
ISOBORNEOL	0.007	ND	ND	
FARNESENE	0.007	< 0.2	< 0.020	



Terpenes

TESTED

Analyzed by 138	Weight 1.01546g	Extraction date 06/21/21 01:06:09	Extracted By 138
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Analysis Method -SOP.T.40.090
Analytical Batch -KN001022TER
Reviewed On - 06/28/21 15:26:47
Instrument Used : E-SHI-109 Terpenes
Running On : 06/28/21 09:17:29
Batch Date : 06/21/21 11:30:25

Reagent	Dilution	Consums. ID
042721.01	10	200618634
113020.01		294044150
		7303642
		947B9291.217
		n/a

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending

Total (%) 0.283




Certificate of Analysis

PASSED

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Rochester, NY, 14624, US
Telephone: (315) 406-6767
Email: sales@nowave.com

Sample : KN10618001-001

Harvest/LOT ID: 6-3-21

Batch# : 6-3-21

Sampled : 06/14/21

Ordered : 06/14/21

Sample Size Received : 20 units

Total Weight/Volume : N/A


Completed : 06/28/21 Expires: 06/28/22

Sample Method : SOP Client Method

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	Pesticides	PASSED
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Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	<0.050	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 143	Weight 1.0249g	Extraction date 06/21/21 01:06:40	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001025PES		Reviewed On- 06/22/21 10:02:19	
Instrument Used : E-SHI-125 Pesticides Running On : 06/21/21 15:02:52		Batch Date : 06/21/21 13:17:23	
Reagent 060221.R002 061421.R114 062121.R002 062121.R003	Dilution 10	Consums. ID 200618634 94789291.217	

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).
Analytes ISO pending. *Based on FL action limits. *

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Sue Ferguson

Lab Director

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



Signature

06/28/21

Signed On



Certificate of Analysis

PASSED

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

Sample : KN10618001-001

Harvest/LOT ID: 6-3-21

Batch# : 6-3-21

Sampled : 06/14/21

Ordered : 06/14/21

Sample Size Received : 20 units

Total Weight/Volume : N/A

Completed : 06/28/21 **Expires:** 06/28/22

Sample Method : SOP Client Method

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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level (PPM)	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		PASS	ND

	Residual Solvents	PASSED
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Analyzed by 138	Weight 0.02721g	Extraction date 06/21/21 01:06:52	Extracted By 138
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Analysis Method -SOP.T.40.032
Analytical Batch -KN001023SOL **Reviewed On - 06/22/21 12:09:02**
Instrument Used : E-SHI-106 Residual Solvents
Running On : 06/21/21 16:20:16
Batch Date : 06/21/21 12:43:26

Reagent	Dilution	Consums. ID
		1065518282V1393

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

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Rochester, NY, 14624, US
Telephone: (315) 406-6767
Email: sales@nowave.com

Sample : KN10618001-001

Harvest/LOT ID: 6-3-21

Batch# : 6-3-21

Sampled : 06/14/21

Ordered : 06/14/21

Sample Size Received : 20 units

Total Weight/Volume : N/A

Completed : 06/28/21 Expires: 06/28/22

Sample Method : SOP Client Method

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

Analysis Method -SOP.T.40.043

Analytical Batch -KN001021MIC Batch Date : 06/21/21

Instrument Used : Micro E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
142	0.9835g	NA	NA

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.

	Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS		ppm	0.000	

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

Analytical Batch -KN001026MYC | Reviewed On - 06/22/21 17:37:39

Instrument Used : E-SHI-125 Mycotoxins

Running On : 06/21/21 15:03:00

Batch Date : 06/21/21 13:19:33

Analyzed by	Weight	Extraction date	Extracted By
143	1.0249g	06/21/21 01:06:16	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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Reagent	Dilution	Consums. ID
052021.R19	50	7226/0030021
040521.R03		210117060
040521.R04		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2636g	06/22/21 12:06:25	12

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

Analytical Batch -KN001024HEA | Reviewed On - 06/22/21 13:52:42

Instrument Used : Metals ICP/MS

Running On :

Batch Date : 06/21/21 13:14:33

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. Analytes ISO Pending. *Based on FL action limits.