



# Certificate of Analysis

Apr 04, 2023 | NoWave LLC

300 Trade Court  
Rochester, NY, 14624, US

NOWAVE



**PASSED**

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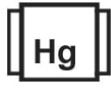
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.



**Cannabinoid**

**PASSED**



Total THC  
**71.8869%**



Total CBD  
**0.1787%**



Total Cannabinoids  
**75.9647%**

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	1.04	0.1787	<LOQ	<LOQ	1.7138	<LOQ	0.7077	<LOQ	71.8869	<LOQ	0.4376
mg/unit	<LOQ	<LOQ	10.4	1.787	<LOQ	<LOQ	17.138	<LOQ	7.077	<LOQ	718.869	<LOQ	4.376
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.1613g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 02/24/23 13:07:52

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).

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature

04/04/23

Signed On



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300 Trade Court  
Rochester, NY, 14624, US  
Telephone: 5856454230  
Email: Seth@nowave.com

Sample : AL30327002-006  
Harvest/Lot ID: OHA-BD

Batch# : OHA-0001  
Sampled : 03/27/23

Sample Size Received : 8 units  
Total Amount : 1000 units  
Sample Method : SOP Client Method

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Terpenes				TESTED					
Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
VALENCENE	0.1	<LOQ	<LOQ		CARYOPHYLLENE OXIDE	0.04	<LOQ	<LOQ	
ALPHA-PINENE	0.1	5	0.5		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.1	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	3	0.3	
CAMPHENE	0.1	<LOQ	<LOQ		ALPHA-HUMULENE	0.04	<LOQ	<LOQ	
SABINENE	0.1	<LOQ	<LOQ		ALPHA-CEDRENE	0.04	<LOQ	<LOQ	
BETA-PINENE	0.1	2	0.2		ALPHA-BISABOLOL	0.04	5	0.5	
BETA-MYRCENE	0.1	5	0.5		ALPHA TERPINEOL	0.04	<LOQ	<LOQ	
PULEGONE	0.1	<LOQ	<LOQ		Weight:				
ALPHA-PHELLANDRENE	0.1	<LOQ	<LOQ		0.9781g				
3-CARENE	0.1	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
NEROL	0.1	<LOQ	<LOQ		Analized Date : 03/02/23 08:34:17				
ALPHA-TERPINENE	0.1	<LOQ	<LOQ		Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS.				
LINALOOL	0.1	1	0.1						
LIMONENE	0.1	1	0.1						
EUCALYPTOL	0.1	<LOQ	<LOQ						
ISOBORNEOL	0.1	<LOQ	<LOQ						
OCIMENE	0.1	<LOQ	<LOQ						
GAMMA TERPINEOL	0.1	<LOQ	<LOQ						
HEXAHYDROTHYMOL	0.1	<LOQ	<LOQ						
SABINENE HYDRATE	0.04	<LOQ	<LOQ						
GUAIOL	0.04	<LOQ	<LOQ						
TERPINOLENE	0.04	<LOQ	<LOQ						
GERANYL ACETATE	0.04	1	0.1						
FENCHONE	0.04	<LOQ	<LOQ						
GERANIOL	0.04	<LOQ	<LOQ						
GAMMA-TERPINENE	0.04	<LOQ	<LOQ						
FENCHYL ALCOHOL	0.04	<LOQ	<LOQ						
ISOPULEGOL	0.04	<LOQ	<LOQ						
CAMPHOR	0.04	<LOQ	<LOQ						
CIS-NEROLIDOL	0.04	1	0.1						
CEDROL	0.04	<LOQ	<LOQ						
<b>Total (%)</b>			<b>2.4</b>						



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Email: Seth@nowave.com

Sample : AL30327002-006  
Harvest/Lot ID: OHA-BD

Batch# : OHA-0001  
Sampled : 03/27/23

Sample Size Received : 8 units  
Total Amount : 1000 units  
Sample Method : SOP Client Method

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## Pesticides

**PASSED**

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTHIN	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PROPICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACEQUINOCYL	0.1	ppm	2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	0.1468	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ						
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ						
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ						
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ						
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ						
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ						
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ						
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ						
FLONICAMID	0.1	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

Weight:  
0.5519g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY  
Analyzed Date : 03/29/23 14:17:14

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).

Weight:  
NA

Analysis Method : SOP.T.40.154.NY  
Analyzed Date : 03/29/23 16:56:25

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Email: Seth@nowave.com

Sample : AL30327002-006  
Harvest/Lot ID: OHA-BD

Batch# : OHA-0001  
Sampled : 03/27/23

Sample Size Received : 8 units  
Total Amount : 1000 units  
Sample Method : SOP Client Method

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	Residual Solvents					<b>PASSED</b>
Solvents	LOQ	Units	Action Level	Pass/Fail	Result	
HEXANE, TOTAL	208.4	ppm	290	PASS	<LOQ	
PENTANES, TOTAL	2700	ppm	5000	PASS	<LOQ	
BUTANES, TOTAL	1800	ppm	5000	PASS	<LOQ	
XYLENES, TOTAL	1171.8	ppm	2170	PASS	<LOQ	
PROPANE	900	ppm	5000	PASS	<LOQ	
METHANOL	540	ppm	3000	PASS	<LOQ	
ETHANOL	900	ppm	5000	PASS	<LOQ	
ETHYL ETHER	900	ppm	5000	PASS	<LOQ	
ACETONE	180	ppm	5000	PASS	<LOQ	
2-PROPANOL	900	ppm	5000	PASS	<LOQ	
ACETONITRILE	73.8	ppm	410	PASS	<LOQ	
DICHLOROMETHANE	108	ppm	600	PASS	<LOQ	
ETHYL ACETATE	900	ppm	5000	PASS	<LOQ	
BENZENE	0.45	ppm	2	PASS	<LOQ	
N-HEPTANE	900	ppm	5000	PASS	<LOQ	
TOLUENE	160.2	ppm	890	PASS	<LOQ	
CHLOROFORM	10.8	ppm	60	PASS	<LOQ	

Weight:  
0.025g

Analysis Method : SOP.T.40.044.NY  
Analyzed Date : 02/28/23 15:09:24

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).



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
 Sample : AL30327002-006  
 Harvest/Lot ID: OHA-BD

 Batch# : OHA-0001  
 Sampled : 03/27/23

 Sample Size Received : 8 units  
 Total Amount : 1000 units  
 Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	10	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Weight: 0.8333g						Weight: 0.5473g					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analyzed Date : N/A						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analyzed Date : 03/07/23 22:05:06					
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.											

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.02	ug/g	<LOQ	PASS	2
ARSENIC	0.02	ug/g	<LOQ	PASS	0.2
CADMIUM	0.02	ug/g	<LOQ	PASS	0.3
CHROMIUM	0.02	ug/g	<LOQ	PASS	110
COPPER	0.02	ug/g	<LOQ	PASS	30
LEAD	0.02	ug/g	<LOQ	PASS	0.5
MERCURY	0.002	ug/g	<LOQ	PASS	0.1
NICKEL	0.02	ug/g	<LOQ	PASS	2
Weight: 0.4303g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analyzed Date : 02/28/23 15:44:12					
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.					



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Harvest/Lot ID: OHA-BD

Batch# : OHA-0001  
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Sample Method : SOP Client Method

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## AMENDMENTS

Revision: #1 - Report has been revised to report terpenes and potency from individual lot testing instead of the line test result.

## COMMENTS

\* Metal AL30327002-006HEA

1 - Tested as part of line test as AL30217002-006 in batch AL000798HEA.

\* Microbial AL30327002-006MIC

1 - Tested as part of line test as AL30217002-006 in batch AL000788MIC.

\* Mycotoxin AL30327002-006MYC

1 - Tested as part of line test as AL30217002-006 in batch AL000830MYC.

\* Cannabinoid AL30327002-006POT

1 - Potency for this lot was tested as AL30217002-003 in batch AL000787POT.

\* Residual AL30327002-006SOL

1 - Tested as part of line test as AL30217002-006 in batch AL000811SOL.

\* Terpene AL30327002-006TER

1 - Terpenes for this lot were tested as AL30217002-003 in batch AL000724TER.