

Certificate of Analysis



CUSTOMER INFORMATION

Client Name: NuWave Botanicals
 Attention: Chris Jepson
 Address: 26400 Kuykendahl Rd. Suite 180-123
 The Woodlands, Texas 77375
 Phone Number: (801) 706-1929

TESTING FACILITY

Cora Science, LLC
 8000 Anderson Square, STE 113
 Austin, Texas 78757
 (512) 856-5007
 info@corascience.com

SAMPLE IMAGE(S)



JOB / SAMPLE INFORMATION

Received: 13 DEC 2022
 Condition: Good
 Job ID: ISO01099
 Sample ID: I01265
 Sample Name: E-gels
 Lot 01-121222
 Description: Softgel capsule
 Completed: 16 DEC 2022
 Issued: 16 DEC 2022

TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	14DEC2022	I 1453
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	33.50	mg/unit	0.06	N/A	
7-Hydroxymitragynine	Report Results	0.10	mg/unit	0.06	N/A	
Paynantheine	Report Results	6.01	mg/unit	0.06	N/A	
Speciogynine	Report Results	3.07	mg/unit	0.06	N/A	
Speciociliatine	Report Results	3.33	mg/unit	0.06	N/A	
Total Mitragyna Alkaloids	Report Results	46.01	mg/unit	0.06	N/A	

Elemental Impurities (ICP-MS)		Method Code:	EAM 4.8	Tested:	16DEC2022	I 1117
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 1.0	<LOQ	ug/g	0.064	PASS	
Cadmium	NMT 1.0	<LOQ	ug/g	0.026	PASS	
Lead	NMT 1.0	0.120	ug/g	0.026	PASS	
Mercury	NMT 1.0	<LOQ	ug/g	0.026	PASS	

Microbiological Examination		Method Code:	T005	Tested:	14DEC2022	I	1335
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES		
Total Aerobic Plate Count	10,000,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS		
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS		
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS		
<i>Escherichia coli</i>	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS		
<i>Staphylococcus aureus</i>	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS		
<i>Salmonella</i>	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS		

ADDITIONAL REPORT NOTES

T102 result, LOQ and unit converted from w/w% to mg/unit using an average unit mass of 0.4574g (n=5). EAM 4.8 performed by a registered outsourcing facility.

REVISION HISTORY

rev00 Initial release.

This report has been authorized for release from Cora Science by:

Signature:		Department:	Management
Name:	Tyler West, Laboratory Director	Date:	16 DEC 2022

ABBREVIATIONS

ID: identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **NMT:** no more than, **NLT:** no less than, **UHPLC:** ultra-high performance liquid chromatography, **GC:** gas chromatography, **DAD:** diode array detection/detector, **MS:** mass spectroscopy/spectrometer, **ICP:** inductively coupled plasma, **ISO:** International Organization for Standardization, **USP:** United States Pharmacopeia