

## Certificate of Analysis



## Customer Information

**Client:** Southwell Research Providers  
**Attention:** southwellresearchproviders@gmail.com  
**Address:** 1973 W. Gray St, STE 23  
 Austin, TX 77019

## Testing Facility

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

## Sample Image(s)



## Sample Information

**Name:** Super Green  
**Lot Number:** Kreat Day Super Green, 24-05-B1-SG-HX  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO02119  
**Sample ID:** I04841  
**Received:** 03JUN2024  
**Completed:** 06JUN2024  
**Issued:** 10JUN2024

## Test Results

**Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 05JUN2024 | 1246**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.67	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.007	w/w%	0.003	N/A
Paynantheine	Report Results	0.312	w/w%	0.011	N/A
Speciogynine	Report Results	0.244	w/w%	0.011	N/A
Speciociliatine	Report Results	0.355	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.59	w/w%	0.011	N/A

**Elemental Impurities (ICP-MS) Method Code: T301 Tested: 06JUN2024 | 1737**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 10	0.28	ug/day	0.030	PASS
Cadmium	NMT 4.1	<LOQ	ug/day	0.010	PASS
Lead	NMT 6.0	1.4	ug/day	0.010	PASS
Mercury	NMT 2.0	<LOQ	ug/day	0.010	PASS

**Microbiological Examination Method Code: T005 Tested: 04JUN2024 | 1119**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	1,460	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	40	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Escherichia coli	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
Salmonella	Not Detected in 25 grams	Not Detected	N/A	1 CFU/25 grams	PASS

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## Additional Report Notes

T301 result, unit, and LOQ converted from ug/g to ug/day using a maximum permitted daily exposure of 5.0 g/day.

## Revision History

rev 00 - Initial release.

## Abbreviations

**ID:** identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **w/w%:** weight by weight percent, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **<LOQ:** below limit of quantitation, **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

## Authorization

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

**Signature:**  **Position:** Laboratory Director  
**Name:** Tyler West **Department:** Management  
**Date:** 10JUN2024