

Customer Information

Client: Blue Deer Nutraceuticals Inc.
Attention: (214) 554-7649
Address: 8516 Westfield Dr
Dallas, TX 75243

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: KShot Bliss 010
Lot Number: KB020525-02
Description: Liquid botanical extract
Condition: Good
Job ID: ISO03319
Sample ID: I08438
Received: 11FEB2025
Completed: 20FEB2025
Issued: 20FEB2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 12FEB2025 | 1946

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.66	mg/mL	0.03	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.01	N/A
Paynantheine	Report Results	0.042	mg/mL	0.03	N/A
Speciogynine	Report Results	0.035	mg/mL	0.03	N/A
Speciociliatine	Report Results	<LOQ	mg/mL	0.03	N/A
Total Mitragyna Alkaloids	Report Results	1.73	mg/mL	0.03	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 12FEB2025 | 1946

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.155	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.001	N/A
Paynantheine	Report Results	0.004	w/w%	0.003	N/A
Speciogynine	Report Results	0.003	w/w%	0.003	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	0.162	w/w%	0.003	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 20FEB2025 | 1641

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	<LOQ	ug/g	0.006	PASS
Cadmium	NMT 0.50	<LOQ	ug/g	0.002	PASS
Mercury	NMT 0.20	0.010	ug/g	0.002	PASS
Lead	NMT 0.50	<LOQ	ug/g	0.002	PASS

Microbiological Examination

Method Code: T005

Tested: 11FEB2025 | 1111

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.072 g/mL.

Revision History

rev 00 - Initial release.

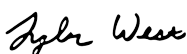
rev 01 - Added T301 results.

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: 

Name: Tyler West

Position: Laboratory Director

Department: Management

Date: 20FEB2025