

Print

Certificate of Analysis



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
Lot Number: 062824kb-04
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO02510
Sample ID: I06101
Received: 13SEP2024
Completed: 18SEP2024
Issued: 19SEP2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 15SEP2024 | 1708

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.161	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.001	N/A
Paynantheine	Report Results	0.020	w/w%	0.003	N/A
Speciogynine	Report Results	0.014	w/w%	0.003	N/A

2/24/25, 2:28 PM		Cora Science			
Speciociliatine	Report Results	0.009	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	0.203	w/w%	0.003	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 15SEP2024 | 1708

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	103	mg/unit	1.83	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.49	N/A
Paynantheine	Report Results	12.7	mg/unit	1.83	N/A
Speciogynine	Report Results	8.67	mg/unit	1.83	N/A
Speciociliatine	Report Results	6.07	mg/unit	1.83	N/A
Total Mitragyna Alkaloids	Report Results	130	mg/unit	1.83	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 17SEP2024 | 1529

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	<LOQ	ug/g	0.0060	PASS
Cadmium	NMT 1.0	<LOQ	ug/g	0.0020	PASS
Lead	NMT 1.0	<LOQ	ug/g	0.0020	PASS
Mercury	NMT 1.0	<LOQ	ug/g	0.0020	PASS

Microbiological Examination

Method Code: T005

Tested: 16SEP2024 | 1635

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	100,000 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
Staphylococcus	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.069 g/mL and package specified fill volume of 60.0 mL.

Revision History

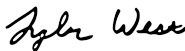
rev 00 - Initial release.

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
		Department:	Management
Name:	Tyler West	Date:	19SEP2024