



Certificate of Analysis

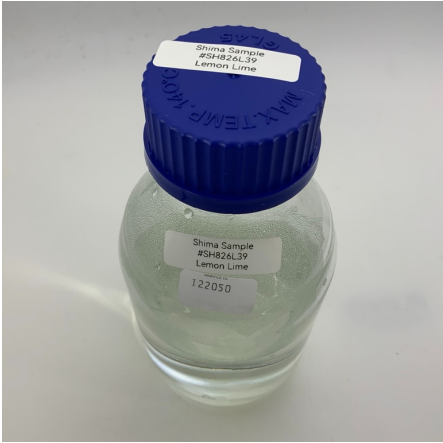
Customer Information

Client: Green Diamond
Attention: cameron@greendiamondcbdf.com
Address: 4477 122nd Ave N, Ste D
Clearwater, FL 33762

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: Lemon Lime 355ml Shima Seltzer
Lot Number: SH826L39
Description: Ready-to-drink beverage
Condition: Good
Job ID: ISO07830
Sample ID: I22050
Received: 10AUG2026
Completed: 18AUG2026
Report Date: 20AUG2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 16AUG2026 0421		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	0.0833	mg/mL	0.0015	N/A	
Paynantheine	Report Results	0.00953	mg/mL	0.0015	N/A	
Speciogynine	Report Results	0.00653	mg/mL	0.0015	N/A	
Speciociliatine	Report Results	0.00818	mg/mL	0.0015	N/A	
Total Mitragyna Alkaloids	Report Results	0.108	mg/mL	0.0015	N/A	

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 16AUG2026 0421		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	0.00836	w/w%	0.00015	N/A	
Paynantheine	Report Results	0.000956	w/w%	0.00015	N/A	
Speciogynine	Report Results	0.000655	w/w%	0.00015	N/A	
Speciociliatine	Report Results	0.000821	w/w%	0.00015	N/A	
Total Mitragyna Alkaloids	Report Results	0.0108	w/w%	0.00015	N/A	

Mitragynine Derivatives [UHPLC-MS]		Method Code: T191		Tested: 17AUG2026 2220		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
7-hydroxymitragynine	Report Results	0.0885	ug/g	0.082	MDL: 0.05	
9-hydroxycorynantheidine	Report Results	ND	ug/g	0.065	MDL: 0.03	
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	0.065	MDL: 0.03	
7-acetoxymitragynine	Report Results	ND	ug/g	0.065	MDL: 0.03	
Dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	0.065	MDL: 0.03	
10-fluoro-dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	0.065	MDL: 0.03	

Work Order: ISO07830 Sample: I22050		Received: 10AUG2026 Report Date: 20AUG2026		Revision: 01 Page 2	
Unit Weight Analysis (Gravimetric)		Method Code: T503		Tested: 12AUG2026 1833	
PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	0.997	g/mL	0.5-1.5	N/A

Loss on Drying		Method Code: T505		Tested: 18AUG2026 1127	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	99.7	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%)		Method Code: 813		Tested: 18AUG2026 1127	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	29.5	ppm	27.33	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T191 results using the laboratory-measured loss on drying by T505 for each sample:

DWB w/w% = (as-received w/w%) ÷ (1 – moisture%/100). 10-fluoro-dihydro-7-hydroxymitragynine refers to CAS 1158901-40-6 also known as MGM-16.

Sample submitted for testing by Green Diamond holding Food Permit Number 2027-R-2229670 and Food Entity Number 426645.

Revision History

Report ID: 745cc452-c2dd-56e3-bb7a-2a6960de020e

rev 00 - Initial release.

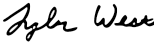
rev 01 - Updated additional report notes.

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:	20AUG2026