

## Certificate of Analysis

# DHM 20mg

Client: Simply Labs



### Analysis Summary

	%	mg/serving
MGM-15 (CAS No. 1158901-38-2)	1.297	9.96
Mitragynine	1.463	11.24
7-OH Mitragynine	ND	ND
Paynantheine	0.167	1.28
Speciogynine	0.119	0.92
Speciociliatine	0.074	0.57
Corynantheidine	ND	ND
Mitraphylline	ND	ND
9-O-desmethyl Mitragynine	ND	ND
Corynoxine B	ND	ND
Ajmalicine	ND	ND
Isomitraphylline	ND	ND
Mitraciliatine	0.026	0.20
<b>Total Quantified Alkaloids</b>	<b>3.15</b>	<b>24.17</b>

**Sample Name:**

DHM 20mg

**Matrix:**

NA

**Unit Mass:**

0.768g

**Sample ID:**

75951119-1

**Testing ID:**

SL-75951119-1

**Date Received:**

11/19/2025

*Marie*

Approved By:

Marie True, M.S.

Laboratory Manager

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**References:** limit of quantitation (LOQ), not detected (ND), not tested (NT)

## Certificate of Analysis

### Analysis

Complete

Test	LOD (%)	LOQ (%)	Mass (%)	mg/serving
MGM-15	0.011	0.03	1.297	9.96
Mitragynine	0.016	0.049	1.463	11.24
7-OH Mitragynine	0.019	0.06	ND	ND
Paynantheine	0.022	0.07	0.167	1.28
Speciogynine	0.019	0.06	0.119	0.92
Speciociliatine	0.018	0.05	0.074	0.57
Corynantheidine	0.024	0.07	ND	ND
Mitraphylline	0.017	0.05	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND
Corynoxine B	0.022	0.07	ND	ND
Ajmalicine	0.024	0.07	ND	ND
Isomitraphylline	0.019	0.06	ND	ND
Mitraciliatine	0.020	0.060	0.026	0.20
<b>Total Quantified Alkaloids</b>			<b>3.15</b>	<b>24.17</b>

#### Method References:

LCMSESi+ SOP-MGM15 - LCMSESi+ Analysis of Synthetic Small Molecules MGM-15  
HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.