FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 65460831-9
Date Issued: 9/5/26

Certificate of Analysis

White Diamonds 51mg



Analysis Summary	mg/serving
Mitragynine	116.166
7-OH Mitragynine	ND
Paynantheine	18.935
Speciogynine	17.232
Speciociliatine	22.158
Corynantheidine	1.860
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	2.656
Mitragynine pseudoindoxyl	ND
MGM-15	ND
*Corydalis Yanhusuo	31.17
Tetrahydropalmatine (THP)	ND
Total Quantified Alkaloids	210.17

Sample Name:
White Diamonds 51mg

Matrix:
Other

Serving Mass:
0.2562 g per serving

Sample ID:
65460831-9

Date Received:
8/31/26

Approved By:
Marie True, M.S.
Laboratory Manager

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

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Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	**0.016**	**0.049**	**45.342**	**453.42**	**116.17**
7-OH Mitragynine	0.019	0.058	ND	ND	ND
Paynantheine	**0.022**	**0.066**	**7.391**	**73.91**	**18.94**
Speciogynine	**0.019**	**0.056**	**6.726**	**67.26**	**17.23**
Speciociliatine	**0.018**	**0.054**	**8.649**	**86.49**	**22.16**
Corynantheidine	**0.024**	**0.073**	**0.726**	**7.26**	**1.86**
Mitraphylline	0.017	0.052	ND	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	ND
Corynoxine B	0.022	0.066	ND	ND	ND
Ajmalicine	0.024	0.071	ND	ND	ND
Isomitraphylline	0.019	0.057	ND	ND	ND
Mitraciliatine	**0.020**	**0.060**	**1.037**	**10.37**	**2.66**
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	ND
MGM-15	0.011	0.03	ND	ND	ND
***Corydalis Yanhusuo**	**N/A**	**N/A**	**12.165**	**121.65**	**31.17**
Tetrahydropalmatine	0.018	0.059	ND	ND	ND
Total Quantified Alkaloids			**82.035**	**820.35**	**210.17**



Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.
HPLC SOP 230-RDSQA - *Corydalis Yanhusuo was semi-qualitatively analyzed using NMR, HPLC, LC-MS verified potential 13-OH THP (sample ID: 65450729-a), without a CRM.