

Certificate of Analysis

NOPE SWEET MELON

Client: NOPE



Analysis Summary

	mg/serving
Mitragynine	103.735
7-OH Mitragynine	ND
Paynantheine	10.597
Speciogynine	10.653
Speciociliatine	15.616
Corynantheidine	ND
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	1.482
Mitragynine pseudoindoxyl	ND
*13-OH Corydalis Yanhusuo	53.62
Tetrahydropalmatine (THP)	ND
Total Quantified Alkaloids	195.70

Sample Name:

NOPE SWEET MELON

Matrix:

Other

Serving Mass:

0.6991 g per serving

Sample ID:

65460817-1

Date Received:

8/17/26

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

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)	
Mitragynine	0.016	0.049	11.978	119.78	83.74	
7-OH Mitragynine	0.019	0.058	ND	ND	ND	
Paynantheine	0.022	0.066	1.516	15.16	10.60	
Speciogynine	0.019	0.056	1.524	15.24	10.65	
Speciociliatine	0.018	0.054	2.234	22.34	15.62	
Corynantheidine	0.024	0.073	ND	ND	ND	
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	0.212	2.12	1.48	
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	ND	
*13-OH Corydalis Yanhusuo	N/A	N/A	6.240	62.40	43.62	
Tetrahydropalmatine	0.018	0.059	ND	ND	ND	
Total Quantified Alkaloids			23.703	237.03	165.70	

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

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