FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 81861006-1
Date Issued: 10/7/26

Certificate of Analysis

R&D
Report

NXT Blue Raspberry

Client: Savage Enterprises



Analysis Summary	Percent (%)	mg/serving
Mitragynine	10.186	120.852
7-OH Mitragynine	ND	ND
Paynantheine	1.867	22.151
Speciogynine	1.080	12.816
Speciociliatine	0.162	1.927
Corynantheidine	ND	ND
Mitraphylline	ND	ND
9-O-desmethyl Mitragynine	ND	ND
Corynoxine B	ND	ND
Ajmalicine	ND	ND
Isomitraphylline	ND	ND
Mitraciliatine	ND	ND
Mitragynine pseudoindoxyl	ND	ND
MGM-15	ND	ND
MGM-16	ND	ND
7-Acetoxymitragynine	ND	ND
*13-OH Corydalis Yanhusuo	2.498	29.645
Tetrahydropalmatine (THP)	ND	ND
Paraxanthine	ND	ND
Total Quantified Alkaloids	15.794	187.390

Sample Name:
NXT Blue Raspberry

Matrix:
Other

Serving Mass:
1.1865 g per serving

Sample ID:
81861006-1

Date Received:
10/6/26

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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Report

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving
Mitragynine	**0.016**	**0.049**	**10.186**	**120.85**
7-OH Mitragynine	0.019	0.058	ND	ND
Paynantheine	**0.022**	**0.066**	**1.867**	**22.15**
Speciogynine	**0.019**	**0.056**	**1.080**	**12.82**
Speciociliatine	**0.018**	**0.054**	**0.162**	**1.93**
Corynantheidine	0.024	0.073	ND	ND
Mitraphylline	0.017	0.052	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND
Corynoxine B	0.022	0.066	ND	ND
Ajmalicine	0.024	0.071	ND	ND
Isomitraphylline	0.019	0.057	ND	ND
Mitraciliatine	0.020	0.060	ND	ND
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND
MGM-15	0.011	0.03	ND	ND
MGM-16	0.012	0.04	ND	ND
7-Acetoxymitragynine	0.029	0.087	ND	ND
***13-OH Corydalis Yanhusuo**	**N/A**	**N/A**	**2.498**	**29.64**
Tetrahydropalmatine	0.018	0.059	ND	ND
Paraxanthine	0.095	0.290	ND	ND
Total Quantified Alkaloids			**15.794**	**187.39**

Method References:

HPLC SOP K5317L - 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.