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

This Certificate of Analysis (COA) applies exclusively to the sample identified herein and is provided solely for research and development (R&D) and quality assurance (QA) purposes. Results do not represent any other lot, batch, or product supplied by the client. Sampling was not performed by FESA Labs. This COA is not a regulatory compliance certificate and does not certify compliance with any federal, state, or local law or regulation, including but not limited to the 2018 Farm Bill. No regulatory compliance determination has been made in connection with this report. This COA is provided solely for informational purposes and is not intended for reliance by consumers or purchasers, or for any legal purpose. This COA may not be used, in whole or in part, for commercial promotion, advertising, or product labeling without prior written consent from FESA Labs. FESA Labs makes no claim to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This COA may not be reproduced except in its entirety without the prior written approval from FESA Labs. This COA reflects the results of testing performed on the identified sample and is valid as of its date of issuance, without guaranteeing the tested sample's stability or continued conformity beyond that date. This COA is intended solely for the addressed party and may contain confidential or legally protected information. If received in error or if you have questions regarding this report, please contact FESA Labs at info@fesalabs.com.

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

Certificate of Analysis

R&D
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.

Certificate of Analysis

R&D
Report

NXT Strawberry

Client: Savage Enterprises



Analysis Summary	Percent (%)	mg/serving
Mitragynine	9.907	119.174
7-OH Mitragynine	ND	ND
Paynantheine	1.809	21.758
Speciogynine	1.046	12.588
Speciociliatine	0.185	2.222
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	2.501	30.082
Tetrahydropalmatine (THP)	ND	ND
Paraxanthine	ND	ND
Total Quantified Alkaloids	15.448	185.824

Sample Name:
NXT Strawberry

Matrix:
Other

Serving Mass:
1.2029 g per serving

Sample ID:
81861006-2

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)

Certificate of Analysis

R&D
Report

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving
Mitragynine	**0.016**	**0.049**	**9.907**	**119.17**
7-OH Mitragynine	0.019	0.058	ND	ND
Paynantheine	**0.022**	**0.066**	**1.809**	**21.76**
Speciogynine	**0.019**	**0.056**	**1.046**	**12.59**
Speciociliatine	**0.018**	**0.054**	**0.185**	**2.22**
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**	**2.501**	**30.08**
Tetrahydropalmatine	0.018	0.059	ND	ND
Paraxanthine	0.095	0.290	ND	ND
Total Quantified Alkaloids			**15.448**	**185.82**

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.