



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 26-010699/D002.R000
Report Date: 09/08/2026
Purchase Order:
Received: 08/31/26 09:20 AM

Project Name: MAK-EXL/6LE26
(1)

Cover Letter

MAK Operations LLC
MAK Kratom
502 W 7th St (STE 100)
Erie Pennsylvania 16502
United States of America (USA)

Dear Michael Trujillo,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 26-010699 on 08/31/2026 at 09:20. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,

Derrick Tanner
General Manager

Customer: MAK Operations LLC
 MAK Kratom
 502 W 7th St (STE 100)
 Erie Pennsylvania 16502
 United States of America (USA)

Sample ID: MAK-EXL/6LE26(1)

Sample Matrix: Kratom Liquid

Laboratory ID: 26-010699-0001-00

Evidence of Cooling: No

Temp: 21.7 °C

Serving Size: 1 g

Sample Results

Mitragynine

Mitragynine Full Alkaloid Panel

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	< LOQ	%	0.0100	09/08/26	In house method by HPLC-DAD [‡]	
7-Hydroxymitragynine per 1 g	< LOQ	mg/serving	0.100	09/08/26	In house method by HPLC-DAD [‡]	
Isorhynchophylline	< LOQ	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Isorhynchophylline per 1 g	< LOQ	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Mitragynine	0.590	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Mitragynine per 1 g	5.90	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Mitraphylline	< LOQ	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Mitraphylline per 1 g	< LOQ	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Paynantheine	0.0749	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Paynantheine per 1 g	0.749	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Speciociliatine	< LOQ	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Speciociliatine per 1 g	< LOQ	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Speciogynine	< LOQ	%	0.0500	09/08/26	In house method by HPLC-DAD [‡]	
Speciogynine per 1 g	< LOQ	mg/serving	0.500	09/08/26	In house method by HPLC-DAD [‡]	
Total Alkaloids	0.665	%		09/08/26	In house method by HPLC-DAD [‡]	

Abbreviations

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

[‡] = ISO/IEC 17025:2017 accredited method.



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 26-010699/D002.R000
Report Date: 09/08/2026
Purchase Order:
Received: 08/31/26 09:20 AM
Project Name: MAK-EXL/6LE26
(1)

Units of Measure

% = Percentage of sample

mg/serving = Milligram per serving size 1

Approved Signatory

Derrick Tanner
General Manager



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 26-010699/D002.R000
Report Date: 09/08/2026
Purchase Order:
Received: 08/31/26 09:20 AM
Project Name: MAK-EXL/6LE26
(1)



Kratom
Chain of Custody

MAK-1787846802

Company Details Company: <u>MAK</u> Contact: <u>Michael Trujillo</u> Street Address: <u>6259 U.S. 160 (REAR SHOP)</u> City, State, Zip: <u>Alamosa, CO 81101</u> Email: <u>makoperations94@gmail.com</u> Contact Phone: <u>5055458273</u> Billing Information Billing Email: <u>makoperations94@gmail.com</u> Project Details Turnaround Time: <u>5 Business Days (Standard)</u> Sample Relinquishment Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Project Name / ID: <u>MAK-EXL/6LE26(1)</u> Report Type: <u>All Samples on One Report</u> Additional Comments for Project: <u>Please do NOT combine MIT and Paynantheine. List all alkaloids separately and total alkaloids. Also please list the potency results in mg/g as well as the usual percentages. Thank you.</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Food Shelves <tr><td>#</td><td>Sample Name</td><td>Material</td><td>Amount Provided</td><td>Additional Test Requests and Sample Comments</td></tr> <tr><td>1</td><td>MAK-EXL/6LE26(1)</td><td>Kratom Liquid</td><td>15 ml</td><td>Please do NOT combine MIT and Paynantheine. List all alkaloids separately and total alkaloids. Also please list the potency results in mg/g as well as the usual percentages. Thank you.</td></tr>			#	Sample Name	Material	Amount Provided	Additional Test Requests and Sample Comments	1	MAK-EXL/6LE26(1)	Kratom Liquid	15 ml	Please do NOT combine MIT and Paynantheine. List all alkaloids separately and total alkaloids. Also please list the potency results in mg/g as well as the usual percentages. Thank you.
#	Sample Name	Material	Amount Provided	Additional Test Requests and Sample Comments								
1	MAK-EXL/6LE26(1)	Kratom Liquid	15 ml	Please do NOT combine MIT and Paynantheine. List all alkaloids separately and total alkaloids. Also please list the potency results in mg/g as well as the usual percentages. Thank you.								

S3220 - Mitragynine Full Alkaloid Panel

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #	Other IR Therm. CL#
<i>Michael Trujillo</i>	<i>08/27/2026</i>	<i>09:06</i>	<i>dat</i>	<i>08/31/2026</i>	<i>09:20</i>	<i>21.70</i>	<i>Other</i>	<i>0495</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories
12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794
info.cfi@tentamus.com

Page 1 of 1
www.columbialaboratories.com