

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** NKL202  
**SAMPLE CODE:** DTS-241206-035  
**CLIENT:** ANTIDOTE EXTRACT LABS  
**BATCH RESULT:** PASS



**MATRIX NAME:** Extract - Liquid  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Tue, Dec 17, 2024  
**PUBLISHED DATE:** Thu, Dec 19, 2024  
**BATCH/LOT CODE:** NKL202  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 1.0366g (Density (g/mL))



## APPROVALS

### RESULTS REVIEWED BY:



**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Thursday, Dec 19, 2024

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Thursday, Dec 19, 2024

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



KAVAL

**KAVALACTONES & KAVAINS**LAB-TM-067 - DETERMINATION OF KAVALACTONES & KAVAINS BY LC-DAD  
KAVAL-DTS-241206-035-02 - THU, DEC 19, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Dihydrokavain	0.463 %	4.63 mg/g	4.80 mg	4.80 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.412 %	4.123 mg/g	4.27 mg	4.27 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.168 %	1.679 mg/g	1.74 mg	1.74 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.123 %	1.231 mg/g	1.28 mg	1.28 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.106 %	1.056 mg/g	1.09 mg	1.09 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.062 %	0.625 mg/g	0.65 mg	0.65 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.038 %	0.385 mg/g	0.40 mg	0.40 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.024 %	0.241 mg/g	0.25 mg	0.25 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
<b>Total Kavalactones and Kavains</b>	<b>1.397 %</b>	<b>13.969 mg/g</b>	<b>14.48 mg</b>	<b>14.48 mg</b>	<b>N/A</b>			<b>N/A</b>
<b>Total Kavalactones</b>	<b>1.334 %</b>	<b>13.344 mg/g</b>	<b>13.83 mg</b>	<b>13.83 mg</b>	<b>N/A</b>			<b>N/A</b>

