

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** RED MD  
**SAMPLE CODE:** KTM-230224-001  
**CLIENT:** PURE INFINITY BOTANICALS  
**BATCH RESULT:** NA



1230 Woodmere Ave  
Traverse City, MI 49686  
231.252.3669



**MATRIX NAME:**  
Kratom - Leaf Powder  
**SAMPLE TYPE:**  
Quality Assurance  
**RECEIVED DATE:**  
Wednesday, Mar 1  
**PUBLISHED DATE:**  
N/A

**BATCH CODE:**  
0001  
**BATCH SIZE:**  
30 g  
**SAMPLE SIZE:**  
30 g



**LAB-TM-047**  
Alkaloid Analysis by  
UPLC and LC-MS/MS



**LAB-TM-006**  
Salmonella and Shiga  
Toxin Producing E. coli  
Analysis by qPCR

**RESULTS REVIEWED BY: Leslie Varela**  
Laboratory Director  
Cambium Analytica  
N/A

**RESULTS REVIEWED BY: Douglas Smith**  
VP - Scientific Operations  
Cambium Analytica  
N/A

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.

## ALKALOID ANALYSIS BY UPLC AND LC-MS/MS ALK-KTM-230224-001-02 - MONDAY, MAR 6

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.008 %	N/A	0.01	0.03	N/A
Mitragynine	1.126 %	N/A	0.01	0.03	N/A
Mitraphylline	0 %	N/A	0.01	0.03	N/A
Paynantheine	0.239 %	N/A	0.01	0.03	N/A
Speciociliatine	0.326 %	N/A	0.01	0.03	N/A
Speciogynine	0.177 %	N/A	0.01	0.03	N/A
Total Alkaloids	1.876 %	N/A	N/A	N/A	N/A

## SALMONELLA AND SHIGA TOXIN PRODUCING E. COLI ANALYSIS BY QPCR SS-KTM-230224-001-01 - FRIDAY, FEB 24

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	0 CFU/g	N/A	N/A	N/A	N/A
Shiga Toxin Producing E. coli	0 CFU/g	N/A	N/A	N/A	N/A

