

CERTIFICATE OF ANALYSIS

SAMPLE NAME: WHITE M.D.
SAMPLE CODE: DTS-240827-007
CLIENT: PURE INFINITY BOTANICALS
BATCH RESULT: N/A


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MATRIX NAME: Botanical Powder - Plant
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Tue, Aug 27, 2024
PUBLISHED DATE: Thu, Aug 29, 2024
BATCH/LOT CODE: N/A
BATCH SIZE: N/A
SAMPLE SIZE: 1 U

TOTAL MAJOR ALKALOIDS 2.227 %

MITRAGYNINE 1.339 %

TOTAL MINOR ALKALOIDS 0.00413 %

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level



RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Thu, Aug 29, 2024



RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thu, Aug 29, 2024

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ALKU KRATOM ALKALOIDS - HIGH LEVEL						
LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD						
ALKU-DTS-240827-007-01 - TUE, AUG 27, 2024						
ANALYTE	VALUE	VALUE (MG)	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.339 %	13.393 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.424 %	4.241 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.29 %	2.905 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.173 %	1.731 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.227 %	22.27 mg/g	N/A	N/A	N/A	N/A

ALKL KRATOM ALKALOIDS - LOW LEVEL						
LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ						
ALKL-DTS-240827-007-01 - TUE, AUG 27, 2024						
ANALYTE	VALUE	VALUE (MG)	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00409 %	0.04086 mg/g	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00004 %	0.0004 mg/g	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00413 %	0.04126 mg/g	N/A	0.006 ug/g	0.03 ug/g	N/A

