

CERTIFICATE OF ANALYSIS

SAMPLE NAME: GREEN POWDER

SAMPLE CODE: DTS-240827-005

CLIENT: PURE INFINITY BOTANICALS

BATCH RESULT: N/A



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Traverse City, MI 49686
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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 1.781 %

MITRAGYNINE 1.261 %

TOTAL MINOR ALKALOIDS 0.00362 %



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-240827-005-01 - TUE, AUG 27, 2024						
ANALYTE	VALUE	VALUE (MG)	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.261 %	12.612 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.296 %	2.955 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.161 %	1.614 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.063 %	0.633 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.781 %	17.814 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-240827-005-01 - TUE, AUG 27, 2024						
ANALYTE	VALUE	VALUE (MG)	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0036 %	0.03596 mg/g	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00002 %	0.00022 mg/g	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00362 %	0.03618 mg/g	N/A	0.006 ug/g	0.03 ug/g	N/A

