CERTIFICATE OF ANALYSIS

SAMPLE NAME: KATS BOTANICALS 65 1G TABLETS

SAMPLE CODE: KTM-230619-001

CLIENT: KATS BOTANICALS

BATCH RESULT: PASS

cambium analytica

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MATRIX NAME:
Kratom - Edible Tablet

SAMPLE TYPE:
Quality Assurance

RECEIVED DATE:
Wednesday, Jun 21, 2023

PUBLISHED DATE:
Tuesday, Jun 27, 2023

BATCH CODE:
23-073/65/SA/A

BATCH SIZE:
1U

SAMPLE SIZE:
1U

AVERAGE UNIT WEIGHT:
1.024g

ALKU

LAB-TM-052
High Alkaloid Analysis
by UPLC

ALKL

LAB-TM-047
Low Alkaloid Analysis
by LC-MS/MS

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Tuesday, Jun 27, 2023

RESULTS REVIEWED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Jun 27, 2023

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LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD

ALKU-KTM-230619-001-01 - MONDAY, JUN 19, 2023

ANALYTE	VALUE	VALUE (PER SERVING)	ACTION LIMIT	LOD	LOQ	STATUS
Total Major Alkaloids	7.02 %	71.8 mg	N/A	N/A	N/A	N/A
Mitragynine	6.51 %	66.7 mg	N/A	N/A	0.5 ug/g	N/A
Paynantheine	0.244 %	2.49 mg	N/A	N/A	0.5 ug/g	N/A
Speciogynine	0.172 %	1.76 mg	N/A	N/A	0.5 ug/g	N/A
Speciociliatine	0.088 %	0.901 mg	N/A	N/A	0.5 ug/g	N/A

LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ

ALKL-KTM-230619-001-01 - MONDAY, JUN 19, 2023

ANALYTE	VALUE	VALUE (PER SERVING)	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.003 %	0.028 mg	N/A	N/A	N/A	N/A
Total Minor Alkaloids	0.003 %	0.028 mg	N/A	N/A	N/A	N/A
Mitraphylline	0 %	0 mg	N/A	N/A	N/A	N/A