

Certificate of Analysis



Sample Name: MAGIC DOSE - TROPICAL MANGO 12OZ
Client: Magic Dose - SIP Manufacturing
Sample Code: DTS-250718-049
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Mon, Jul 21, 2025
Published Date: Mon, Jul 28, 2025
Batch/Lot Code: BATCH 1 LOT A168410725
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 352.78g

RESULT SUMMARY

Mitragynine	33.16 mg /serv
Total Major Alkaloids	33.87 mg /serv
Total Minor Alkaloids	0.01 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Jul 28, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, Jul 28, 2025

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.

Address: 1230 Woodmere Ave, Traverse City, MI 49686

Phone: 231.252.3669

Accreditation: ISO/IEC 17025:2017 – #108157



ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250718-049-02 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.0094 %	0.0940 mg/g	33.16 mg	33.16 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0002 %	0.0020 mg/g	0.71 mg	0.71 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.0096 %	0.0960 mg/g	33.87 mg	33.87 mg	N/A	N/A	N/A	N/A

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-250718-049-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00000 %	0.00003 mg/g	0.01 mg	0.01 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00000 %	0.00003 mg/g	0.01 mg	0.01 mg	N/A	0.006 ug/g	0.03 ug/g	N/A





5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 1 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 2 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 3 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>E.coli</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Total Coliform</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Yeast & Mold</i>	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 4 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Total Coliform	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Yeast & Mold	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Aerobic Plate Count	<50 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	E.coli	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Total Coliform	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Yeast & Mold	<10 CFU/ml

Method Reference:

Aerobic Plate Count AOAC 2015.13
 E.coli PCR(BAM Chp 4)
 Total Coliform AOAC 991.14
 Yeast & Mold AOAC 2014.05

Laboratory Director OR Approved Signatory

The results contained in this report relate only to samples submitted. Samples are tested using Genista SOPs. Genista Biosciences does not accept any liability for damages arising out of the use or interpretation of the results contained in this report.



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 1 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count AOAC 2015.13
 E.coli PCR(BAM Chp 4)
 Total Coliform AOAC 991.14
 Yeast & Mold AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 2 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 3 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>E.coli</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Total Coliform</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Yeast & Mold</i>	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 4 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Total Coliform	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Yeast & Mold	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Aerobic Plate Count	<50 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	E.coli	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Total Coliform	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Yeast & Mold	<10 CFU/ml

Method Reference:

Aerobic Plate Count AOAC 2015.13
 E.coli PCR(BAM Chp 4)
 Total Coliform AOAC 991.14
 Yeast & Mold AOAC 2014.05

Laboratory Director OR Approved Signatory

The results contained in this report relate only to samples submitted. Samples are tested using Genista SOPs. Genista Biosciences does not accept any liability for damages arising out of the use or interpretation of the results contained in this report.

Certificate of Analysis



Sample Name: MAGIC DOSE - ROCKET POP 12OZ
Client: Magic Dose - SIP Manufacturing
Sample Code: DTS-250718-048
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Mon, Jul 21, 2025
Published Date: Mon, Jul 28, 2025
Batch/Lot Code: BATCH 2 LOT A168430725
BBD: 07/16/2027
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 355.93g

RESULT SUMMARY

Mitragynine	30.25 mg /serv
Total Major Alkaloids	31.32 mg /serv
Total Minor Alkaloids	0.02 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Jul 28, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Jul 28, 2025

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.

Address: 1230 Woodmere Ave, Traverse City, MI 49686

Phone: 231.252.3669

Accreditation: ISO/IEC 17025:2017 – #108157



ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250718-048-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.0085 %	0.0850 mg/g	30.25 mg	30.25 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0003 %	0.0030 mg/g	1.07 mg	1.07 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.0088 %	0.0880 mg/g	31.32 mg	31.32 mg	N/A	N/A	N/A	N/A

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-250718-048-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00001 %	0.00005 mg/g	0.02 mg	0.02 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00001 %	0.00005 mg/g	0.02 mg	0.02 mg	N/A	0.006 ug/g	0.03 ug/g	N/A





5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 1 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168390725 Item: Batch 1 Description: Magic Dose Black Cherry 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 2 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168440725 Item: Batch 2 Description: Magic Dose Black Cherry 12oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Total Coliform</i>	<10 CFU/ml
A168410725 Item: Batch 1 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava Seltzer	<i>Yeast & Mold</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 3 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>E.coli</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Total Coliform</i>	<10 CFU/ml
A168560725 Item: Batch 2 Description: Magic Dose Tropical Mango 12 oz	Kratom & Kava	<i>Yeast & Mold</i>	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>Aerobic Plate Count</i>	<50 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	<i>E.coli</i>	<10 CFU/ml

Method Reference:

Aerobic Plate Count	AOAC 2015.13
E.coli	PCR(BAM Chp 4)
Total Coliform	AOAC 991.14
Yeast & Mold	AOAC 2014.05



5500 Hellyer Ave, Suite 150
 San Jose, CA 95138
 Tel: 408.757.5594 Fax: 408.890.4678
 Email: lab@genistabio.com

TO: JESSICA ESTRADA
 QC MANAGER
 SIP MFG
 490 3RD ST, LAKE ELSINORE
 LAKE ELSINORE, CALIFORNIA, United States 92530

Report # 071725_18D0719R268
Customer # 2011435SM
Received Date 07/17/2025
Report Date 07/19/2025
Page 4 of 4
PO # SIP20001-June

Analytical Results

Sample ID	Sample Type	Test	Result
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Total Coliform	<10 CFU/ml
A168400725 Item: Batch 1 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava Seltzer	Yeast & Mold	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Aerobic Plate Count	<50 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	E.coli	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Total Coliform	<10 CFU/ml
A168430725 Item: Batch 2 Description: Magic Dose Rocket Pop 12oz	Kratom & Kava	Yeast & Mold	<10 CFU/ml

Method Reference:

Aerobic Plate Count AOAC 2015.13
 E.coli PCR(BAM Chp 4)
 Total Coliform AOAC 991.14
 Yeast & Mold AOAC 2014.05

Laboratory Director OR Approved Signatory

The results contained in this report relate only to samples submitted. Samples are tested using Genista SOPs. Genista Biosciences does not accept any liability for damages arising out of the use or interpretation of the results contained in this report.

Certificate of Analysis

Sample Name: MAGIC DOSE - BLACK CHERRY 12OZ
Client: Magic Dose - SIP Manufacturing
Sample Code: DTS-250718-046
Matrix Name: Edible Liquid - Drink Enhancer
Type / Result: Quality Assurance - Pass



Received Date: Mon, Jul 21, 2025
Published Date: Mon, Jul 28, 2025
Batch/Lot Code: BATCH 2 LOT A168440725
BBD: 07/15/2027
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 355.13g

RESULT SUMMARY

Mitragynine	32.32 mg /serv
Total Major Alkaloids	33.03 mg /serv
Total Minor Alkaloids	<LOQ %

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Jul 28, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Jul 28, 2025

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.

Address: 1230 Woodmere Ave, Traverse City, MI 49686

Phone: 231.252.3669

Accreditation: ISO/IEC 17025:2017 – #108157



ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250718-046-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.0091 %	0.0910 mg/g	32.32 mg	32.32 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0002 %	0.0020 mg/g	0.71 mg	0.71 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.0093 %	0.0930 mg/g	33.03 mg	33.03 mg	N/A	N/A	N/A	N/A

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-250718-046-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00000 %	0.00002 mg/g	0.01 mg	0.01 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	<LOQ	N/A	N/A	N/A	N/A	0.006 ug/g	0.03 ug/g	N/A

