

Certificate of Analysis - Kava Testing

ICAL ID#:

MI20230830-001

Sample Name: **Blood orange Kratom Elixir drink 1004**

Batch/Lot#

Dsquared World Wide

Infinite Chemical Analysis Labs MI, LLC

4400 Ann Arbor Rd

Jackson, MI

LIC#: SC-000015, AU-SC-000101



Total Kratom Alkaloids (mg/container)	19.20
Total kavalactones (mg/container)	1.800
Total kavalactones (%)	0.000
Total kavalactones (mg/piece)	0.000



Matrix type: Beverage

Select Kavalactones	LOQ	SOP: KAV-004	Density (g/mL): 1.000		
Analyte	%	%	mg/g	mg/mL	mg/piece
Desmethoxyyangonin*	0.01	0.0000	0.000	0.000	0.000
Dihydrokavain*	0.01	0.0000	0.000	0.000	0.000
Dihydromethysticin*	0.01	0.0000	0.000	0.000	0.000
Flavokawain A*	NT	NT	NT	NT	NT
Flavokawain B*	NT	NT	NT	NT	NT
Kavain*	0.01	0.0005	0.005	0.005	1.800
Methysticin*	0.01	0.0000	0.000	0.000	0.000
Yangonin*	0.01	0.0000	0.000	0.000	0.000

Note: Flavokawains not included in total kavalactone calculation*

Kratom Alkaloids	LOQ	SOP: KTM-004			
Analyte	%	%	mg/g	mg/mL	mg/container
7-Hydroxymitragynine	0.0001	0.0000	0.000	0.000	0.0
Corynantheidine	0.0001	0.0000	0.000	0.000	0.0
Mitragynine	0.0001	0.0033	0.033	0.033	11.7
Mitraphylline	0.0001	0.0000	0.000	0.000	0.0
Paynantheine	0.0001	0.0006	0.006	0.006	2.1
Speciociliatine	0.0001	0.0009	0.009	0.009	3.3
Speciogynine	0.0001	0.0006	0.006	0.006	2.1

Analysis performed by HPLC-DAD on 8/11/2023

*NT = Not Tested

	%	mg/g	mg/mL
Total Kratom Alkaloids	0.0054	0.054	0.054
Total Kavalactones (Excludes Flavokawains)	0.0005	0.005	0.005

* = Not covered under ISO scope of accreditation LOQ - Limit of quantification NT = Not Tested

REPORT DATE: **9/6/2023**

Lab Comments:

David Egerton
Laboratory Director

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