



# CERTIFICATE OF ANALYSIS

<b>Sample(s)</b>	1/29/2025	<b>Batch(s):</b>	B250129-1
<b>Receipt Date(s):</b>		<b>Sample ID #:</b>	2501-659
<b>Received by:</b>	DE	<b>Date of Analysis/Testing:</b>	1/29/2025
<b>Customer Name/ID:</b>	Stardust Kratom		

<b>Product/ Sample Name</b>	Ruby Red	<b>Lot #</b>	N/A	
---------------------------------	----------	--------------	-----	--

Final Disposition	Method Group	Method ID	Date	Unit Weight (g)	Analyte	Concentration (w/w%)	Concentration (mg/g)	Disposition
N/A	Kratom Alkaloids	WKI-03-0107	1/29/2025				N/A	

Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)	Acceptance Criteria	Disposition
Kratom Alkaloids	Mitragynine	0.125	0.2604	6.84%	68.43	N/A		
	Mitragynine Pseudoindoxyl*	0.125	0.2604	1.28%	12.76			
	7OH-Mitragynine	0.125	0.2604	22.00%	219.97			
	Paynantheine	0.125	0.2604	0.39%	3.85			
	Speciogynine	0.125	0.2604	0.95%	9.52			
	Specioscilitane	0.125	0.2604	1.02%	10.20			
	Mitraphyline	0.125	0.2604	ND	N/A			
	Isorhynchophylline	0.125	0.2604	ND	N/A			
<b>Total Alkaloids</b>				<b>32.47%</b>	<b>324.73</b>			

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

**Performed by/Date:**

---

**Checked by/Date:**

---

**Notes:** This Certificate of analysis only reflects data for the samples indicated on this form, as received by NNA in a good condition. There have been no amendments to the data since publishing. This report contains all parts of the complete report.

\*Mitragynine pseudoindoxyl reported on this COA has had its method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item. All other analytes are included on NN Analytics' ISO17025 scope, and are accredited work items.

