



Certificate of Analysis for

Star DK Tech
 270 Shore Rd 45
 Long Island, NY 11566
 Phone: (516) 662-8519

Received: 3/8/2024 @ 13.3 °C
 Report ID: 2403337

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2403337-001	3/12/2024	DD-EXT-100124	7-Hydroxymitragynine	< 0.100	%	MIT.2
	3/12/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/12/2024		Mitragynine	3.55	%	MIT.2
	3/12/2024		Mitraphylline	< 0.100	%	MIT.2
	3/12/2024		Paynantheine	1.32	%	MIT.2
	3/12/2024		Speciociliatine	1.10	%	MIT.2
	3/12/2024		Speciogynine	0.831	%	MIT.2
	3/12/2024		Total Alkaloids	6.81	%	MIT.2

Reported By: _____

Ryan Connelly, Chemistry Laboratory Manager, 3/13/2024

Methodology:

MIT.2 : Kratom Alkaloids via HPLC-DAD

Salm.1 : Salmonella via AOAC 081201, 2013.02 (BAX® PCR)




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Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2403337-002	3/12/2024	DD-EXT-CRY-100124	7-Hydroxymitragynine	< 0.100	%	MIT.2
	3/12/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/12/2024		Mitragynine	4.48	%	MIT.2
	3/12/2024		Mitraphylline	< 0.100	%	MIT.2
	3/12/2024		Paynantheine	1.17	%	MIT.2
	3/12/2024		Speciociliatine	0.873	%	MIT.2
	3/12/2024		Speciogynine	0.716	%	MIT.2
	3/12/2024		Total Alkaloids	7.25	%	MIT.2
	3/8/2024		Salmonella spp.	Negative	/1 g	Salm.1

Reported By:  Ryan Connelly, Chemistry Laboratory Manager, 3/13/2024

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2403337-003	3/11/2024	AD-RD-100124	7-Hydroxymitragynine	< 0.010	%	MIT.2
	3/11/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/11/2024		Mitragynine	0.845	%	MIT.2
	3/11/2024		Mitraphylline	< 0.100	%	MIT.2
	3/11/2024		Paynantheine	0.203	%	MIT.2
	3/11/2024		Speciociliatine	0.186	%	MIT.2
	3/11/2024		Speciogynine	0.160	%	MIT.2
	3/11/2024		Total Alkaloids	1.39	%	MIT.2

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2403337-004	3/11/2024	AD-WHT-100124	7-Hydroxymitragynine	< 0.010	%	MIT.2
	3/11/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/11/2024		Mitragynine	1.61	%	MIT.2
	3/11/2024		Mitraphylline	< 0.100	%	MIT.2
	3/11/2024		Paynantheine	0.357	%	MIT.2
	3/11/2024		Speciociliatine	0.217	%	MIT.2
	3/11/2024		Speciogynine	0.235	%	MIT.2
	3/11/2024		Total Alkaloids	2.42	%	MIT.2

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2403337-005	3/11/2024	AD-GRN-100124	7-Hydroxymitragynine	< 0.010	%	MIT.2
	3/11/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/11/2024		Mitragynine	1.83	%	MIT.2
	3/11/2024		Mitraphylline	< 0.100	%	MIT.2
	3/11/2024		Paynantheine	0.408	%	MIT.2
	3/11/2024		Speciociliatine	0.223	%	MIT.2
	3/11/2024		Speciogynine	0.248	%	MIT.2
	3/11/2024		Total Alkaloids	2.71	%	MIT.2

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2403337-006	3/8/2024	AD-RDW-100124	Salmonella spp.	Negative	/25 g	Salm.1

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2403337-007	3/12/2024	SD-RD-KRY-100124	7-Hydroxymitragynine	< 0.010	%	MIT.2
	3/12/2024		Isorhynchophylline	< 0.100	%	MIT.2
	3/12/2024		Mitragynine	0.316	%	MIT.2
	3/12/2024		Mitraphylline	< 0.100	%	MIT.2
	3/12/2024		Paynantheine	0.070	%	MIT.2
	3/12/2024		Speciociliatine	0.096	%	MIT.2
	3/12/2024		Speciogynine	0.048	%	MIT.2
	3/12/2024		Total Alkaloids	0.530	%	MIT.2

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