



Certificate of Analysis for

Ammo Botanicals
Jl. Kesehatan SIMPANG 4
Kota Baru, Kec. Pontianak Sel.
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Received: 6/1/2023 @ 24.3 °C
Report ID: 2306028

Sample ID: 2306028-001 **Description:** Red Elephant - 0523

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 06/01/23

Aerobic Plate Count	180,000	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/01/23

Total Coliform Bacteria	400	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/01/23

Escherichia coli	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 06/06/23

Arsenic (As)	0.687	mg/kg (ppm)	Cadmium (Cd)	0.021	mg/kg (ppm)
Lead (Pb)	0.542	mg/kg (ppm)	Mercury (Hg)	0.025	mg/kg (ppm)

MIT.1: Mitragynine via AOAC 2017.14 Analyzed 06/02/23

7-Hydroxymitragynine	< 0.010	%	Mitragynine	1.92	%
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Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 06/01/23

Salmonella spp.	Negative	/25 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 06/01/23

Staphylococcus aureus	< 100	CFU/g
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STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 06/01/23

Shiga toxin-producing E. coli	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 06/01/23

Yeast and Mold	60,000	CFU/g
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Mitragynine concentration includes Paynantheine at approximately 0.2 - 0.4% of the total mitragynine concentration.

TDL 6-6-23

Report ID 2306028 has been amended as follows: Client information was changed based on client communication.

TDL 6-8-23

Reported By: _____

Thu D Ly, Chemistry Laboratory Technician, 6/8/2023