



Certificate of Analysis for

Badger Botanicals
79 W 900 S
Salt Lake City, UT 84101
Phone: (801) 882-4660

Received: 5/19/2025 @ 23.2 °C
Report ID: 2505891

Sample ID: 2505891-002 Lot #RKONG523150

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 05/20/25

Aerobic Plate Count	5,600	CFU/g
---------------------	-------	-------

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/20/25

Total Coliform Bacteria	< 100	CFU/g
-------------------------	-------	-------

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/20/25

Escherichia coli	< 100	CFU/g
------------------	-------	-------

ICPMS.1 Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 05/27/25

Arsenic (As)	0.323	mg/kg (ppm)	Cadmium (Cd)	0.0181	mg/kg (ppm)
Lead (Pb)	0.439	mg/kg (ppm)	Mercury (Hg)	0.0165	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 05/22/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	0.912	%	Mitraphylline	< 0.100	%
Paynantheine	0.175	%	Speciociliatine	0.273	%
Speciogynine	0.113	%	Total Alkaloids	1.47	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 05/20/25

Salmonella spp.	Negative	/25 g
-----------------	----------	-------

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 05/20/25

Staphylococcus aureus	< 100	CFU/g
-----------------------	-------	-------

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 05/20/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/25 g
---	----------	-------

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 05/20/25

Yeast and Mold	< 100	CFU/g
----------------	-------	-------

Reported By: _____

Jake S Hedges

Jake S Hedges, Chemistry Laboratory Supervisor, 5/27/2025