

Certificate of Analysis for

Botava
970-832-7337

Received: 8/4/2025 @ 25.4 °C
Report ID: 2508088

Sample ID: 2508088-001 Instant Old Roots

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™)

Analyzed 08/04/25

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™)

Analyzed 08/04/25

Escherichia coli	< 100	CFU/g
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ICPMS.1 Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed

08/08/25

Arsenic (As)	0.0725	mg/kg (ppm)	Cadmium (Cd)	0.441	mg/kg (ppm)
Lead (Pb)	0.0766	mg/kg (ppm)	Mercury (Hg)	0.00764	mg/kg (ppm)

Kava.1: USP - Content of Kavalactones by HPLC Analyzed

08/07/25

Desmethoxyyangonin	0.348	%	Dihydrokawain	0.816	%
Dihydromethysticin	0.822	%	Kawain	1.02	%
Methysticin	1.34	%	Total Kavalactones	5.46	%
Yangonin	1.11	%			

LMono.2: Listeria monocytogenes via AOAC 121804 (Gene-Up® PCR) Analyzed 08/04/25

Listeria monocytogenes	Negative	/10 g
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Myc.1: Mycotoxins by LC-MS Analyzed 08/05/25

Aflatoxin B1	< 10.0	µg/kg (ppb)	Aflatoxin B2	< 10.0	µg/kg (ppb)
Aflatoxin G1	< 10.0	µg/kg (ppb)	Aflatoxin G2	< 10.0	µg/kg (ppb)
Ochratoxin A	< 20.0	µg/kg (ppb)			

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

Analyzed 08/04/25

Salmonella spp.	Negative	/10 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 08/04/25

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 08/04/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/10 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 08/04/25

Yeast and Mold	100	CFU/g
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Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 8/11/2025