



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**

<i>Escherichia coli</i>	< 100	CFU/g
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**ICPMS.1Metals 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	%	Dihydrokavain	0.816	%
Dihydromethysticin	0.822	%	Kavain	1.02	%
Methysticin	1.34	%	Total Kavalactones	3.46	%
Yangonin	1.11	%			

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

<i>Listeria monocytogenes</i>	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**

<i>Salmonella</i> 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**

<i>Staphylococcus aureus</i>	< 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 <i>E. coli</i> (stx- <i>stx</i>)	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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Jake S. Hedges

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 8/11/2025