



Certificate of Analysis for

Chill Tree
Pinellas Park
Florida

Received: 4/22/2025 @ 25.6 °C
Report ID: 2504A19

Sample ID: 2504A19-002 CT0425SL-1

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 04/22/25

Aerobic Plate Count	< 10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/22/25

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/22/25

Escherichia coli	< 10	CFU/g
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ICPMS.1 Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 04/28/25

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	< 0.00500	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 04/24/25

Desmethoxyyangonin	0.461	mg/mL	Dihydrokawain	0.985	mg/mL
Dihydromethysticin	0.342	mg/mL	Kawain	0.821	mg/mL
Methysticin	0.269	mg/mL	Total Kavalactones	3.19	mg/mL
Yangonin	0.308	mg/mL			

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/30/25

7-Hydroxymitragynine	< 0.100	mg/mL	Isorhynchophylline	< 0.100	mg/mL
Mitragynine	0.868	mg/mL	Mitraphylline	< 0.100	mg/mL
Paynantheine	< 0.100	mg/mL	Speciociliatine	< 0.100	mg/mL
Speciogynine	< 0.100	mg/mL	Total Alkaloids	0.903	mg/mL

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 04/22/25

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 04/22/25

Staphylococcus aureus	< 10	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 04/23/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 04/22/25

Yeast and Mold	< 10	CFU/g
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Reported By: _____

Jake S Hedges

Jake S Hedges, Chemistry Laboratory Supervisor, 4/30/2025