

**Certificate of Analysis for**

Comling GmbH
Neue Bahnhofstr. 4a
Sulzfeld, Baden-Württemberg 75056

Received: 5/12/2025 @ 27.6 °C
Report ID: 2505353

Sample ID: 2505353-010 White Thai**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 05/12/25**

Aerobic Plate Count	1,400	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/12/25

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/12/25

Escherichia coli	< 100	CFU/g
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ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 05/15/25

Arsenic (As)	0.281	mg/kg (ppm)	Cadmium (Cd)	0.0112	mg/kg (ppm)
Lead (Pb)	0.564	mg/kg (ppm)	Mercury (Hg)	0.0199	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 05/14/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.34	%	Mitraphylline	< 0.100	%
Paynantheine	0.207	%	Speciociliatine	0.453	%
Speciogynine	0.157	%	Total Alkaloids	2.15	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 05/12/25

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 05/12/25

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 05/12/25

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 05/12/25

Yeast and Mold	900	CFU/g
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Reported By:

Jake S Hedges, Chemistry Laboratory Supervisor, 5/19/2025