

**Certificate of Analysis for**

bigtrea BV  
Karveelweg 30  
Maastricht, 6222NH

Received: 9/16/2025 @ 26.1 °C  
Report ID: 2509782

**Sample ID:** 2509782-001 Bigtrea Ultra Enhanced 3,5% - 76S79095UE35

**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/22/25**

Aerobic Plate Count	1,000	CFU/g
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**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/22/25**

Total Coliform Bacteria	< 100	CFU/g
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**EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 09/22/25**

Enterobacteriaceae	< 100	CFU/g
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**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/22/25**

Escherichia coli	< 100	CFU/g
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**ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 09/23/25**

Arsenic (As)	0.0828	mg/kg (ppm)	Cadmium (Cd)	0.0237	mg/kg (ppm)
Lead (Pb)	0.434	mg/kg (ppm)	Mercury (Hg)	0.0169	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 09/18/25**

7-Hydroxymitragynine	< 0.0500	%	Isorhynchophylline	< 0.100	%
Mitragynine	3.60	%	Mitraphylline	< 0.100	%
Paynantheine	0.596	%	Speciociliatine	0.623	%
Speciogynine	0.386	%	Total Alkaloids	5.20	%

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 09/22/25**

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 09/22/25**

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 09/22/25**

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 09/22/25**

Yeast and Mold	< 100	CFU/g
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*Riley M. Horner*

Reported By Riley Horner, Microbiology Laboratory Manager, 9/25/2025