

**Certificate of Analysis for**

bigtrea BV  
Karveelweg 30  
Maastricht, 6222NH

Received: 1/27/2025 @ 15.9 °C

Report ID: 2501A73

**Sample ID:** 2501A73-001 Bigtrea Premium 1,4% - 76S78994BPR**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 02/06/25**

Aerobic Plate Count	< 100	CFU/g
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**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/06/25**

Total Coliform Bacteria	< 100	CFU/g
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**EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 02/06/25**

Enterobacteriaceae	< 100	CFU/g
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**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/06/25**

Escherichia coli	< 100	CFU/g
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**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 02/07/25**

Arsenic (As)	0.113	mg/kg (ppm)	Cadmium (Cd)	0.0267	mg/kg (ppm)
Lead (Pb)	0.655	mg/kg (ppm)	Mercury (Hg)	0.0226	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 01/28/25**

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.42	%	Mitraphylline	< 0.100	%
Paynantheine	0.235	%	Speciociliatine	0.285	%
Speciogynine	0.157	%	Total Alkaloids	2.09	%

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 02/06/25**

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 02/06/25**

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 02/06/25**

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 02/06/25**

Yeast and Mold	100	CFU/g
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Reported By: \_\_\_\_\_

Jake S Hedges, Chemistry Laboratory Supervisor, 2/12/2025