

**Certificate of Analysis for**

bigtrea BV
Karveelweg 30
Maastricht, 6222NH

Received: 2/13/2026 @ 19.5 °C
Report ID: 2602773

Sample ID: 2602773-002 bigtrea Premium 1,5% - 76S79112BPR

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/04/26

Aerobic Plate Count	200	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/04/26

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/04/26

Escherichia coli	< 100	CFU/g
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GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 03/05/26

Salmonella spp.	Absent	CFU/25 g	Shiga toxin-producing E. coli	Absent	CFU/25 g
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ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 03/06/26

Arsenic (As)	0.147	mg/kg (ppm)	Cadmium (Cd)	0.0206	mg/kg (ppm)
Lead (Pb)	0.576	mg/kg (ppm)	Mercury (Hg)	0.0181	mg/kg (ppm)

MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 02/17/26

7-Hydroxymitragynine	< 0.0195	%	Isorhynchophylline	< 0.0487	%
Mitragynine	1.58	%	Mitraphylline	< 0.0487	%
Paynantheine	0.265	%	Speciociliatine	0.290	%
Speciogynine	0.181	%	Total Alkaloids	2.31	%

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/04/26

Staphylococcus aureus	< 100	CFU/g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/04/26

Yeast and Mold	< 100	CFU/g
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Sample Description for 2602773-002A updated from bigtrea Premium 1,6% - 76S79112BPR to bigtrea Premium 1,5% - 76S79112BPR.

Reported By Riley Horner, Microbiology Laboratory Manager, 3/7/2026