

**Certificate of Analysis for**

bigtree BV
Karveelweg 30
Maastricht, 6222NH

Received: 11/21/2025 @ 17.6 °C
Report ID: 2511B38

Sample ID: 2511B38-004 Bigtree Premium 1,5% - 76S79103BPR

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 12/03/25

Aerobic Plate Count	400	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/03/25

Total Coliform Bacteria	< 100	CFU/g
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EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 12/03/25

Enterobacteriaceae	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/03/25

Escherichia coli	< 100	CFU/g
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GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 12/04/25

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 12/10/25

Arsenic (As)	0.173	mg/kg (ppm)	Cadmium (Cd)	0.0242	mg/kg (ppm)
Lead (Pb)	0.613	mg/kg (ppm)	Mercury (Hg)	0.0175	mg/kg (ppm)

MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 11/25/25

7-Hydroxymitragynine	< 0.0180	%	Isorhynchophylline	< 0.0451	%
Mitragynine	1.54	%	Mitraphylline	< 0.0451	%
Paynantheine	0.247	%	Speciociliatine	0.295	%
Speciogynine	0.179	%	Total Alkaloids	2.26	%

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 12/03/25

Staphylococcus aureus	< 100	CFU/g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 12/03/25

Yeast and Mold	< 100	CFU/g
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Jake S Hedges

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 12/10/2025