

**Certificate of Analysis for**

bigtree BV
Karveelweg 30
Maastricht, 6222NH

Received: 11/11/2024 @ 20.5 °C

Report ID: 2411369

Sample ID: 2411369-001 bigtree Premium 1,5% - 76S78968BPR**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 11/11/24**

Aerobic Plate Count	100	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 11/11/24

Total Coliform Bacteria	< 100	CFU/g
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EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 11/11/24

Enterobacteriaceae	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 11/11/24

Escherichia coli	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 11/14/24

Arsenic (As)	0.0827	mg/kg (ppm)	Cadmium (Cd)	0.0145	mg/kg (ppm)
Lead (Pb)	0.915	mg/kg (ppm)	Mercury (Hg)	0.0152	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 11/13/24

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.50	%	Mitraphylline	< 0.100	%
Paynantheine	0.276	%	Speciociliatine	0.378	%
Speciogyneine	0.214	%	Total Alkaloids	2.36	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 11/11/24

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 11/11/24

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 11/11/24

Shiga toxin-producing E. coli	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 11/11/24

Yeast and Mold	< 100	CFU/g
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Report ID 2411369 has been amended as follows: Sample name was changed from "bigtree Premium 1,x% - 76S78968BPR" to "bigtree Premium 1,5% - 76S78968BPR" per client request.

Reported By: _____

Jake S Hedges, Chemistry Laboratory Technician, 11/27/2024