

**Certificate of Analysis for**

bigtree BV
Karveelweg 30
Maastricht, 6222NH

Received: 6/19/2025 @ 22.2 °C
Report ID: 2506937

Sample ID: 2506937-008 Borneo Red - 76S29042BR

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 06/19/25

Aerobic Plate Count	100	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/19/25

Total Coliform Bacteria	< 100	CFU/g
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EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 06/19/25

Enterobacteriaceae	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/19/25

Escherichia coli	< 100	CFU/g
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ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 06/24/25

Arsenic (As)	0.0881	mg/kg (ppm)	Cadmium (Cd)	0.0114	mg/kg (ppm)
Lead (Pb)	0.567	mg/kg (ppm)	Mercury (Hg)	0.0174	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 06/23/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.52	%	Mitrephylline	< 0.100	%
Paynantheine	0.264	%	Speciociliatine	0.273	%
Speciogynine	0.179	%	Total Alkaloids	2.24	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 06/20/25

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 06/19/25

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 06/20/25

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 06/19/25

Yeast and Mold	< 100	CFU/g
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Reported By: _____

Thu D Ly, Chemistry Laboratory Technician, 6/30/2025