11455 Pearl St Northglenn, CO 80233 (303) 296-026

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

bigtrea BV
Karveelweg 30
Maastricht, 6222NH

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

Sample ID: 2506937-014 Borneo Red - 76S29048BR

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

Aerobic Plate Count	200	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/19/25

Total Coliform Bacteria	< 100	CFU/g

EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 06/19/25

Enterobacteriaceae	< 100	CFU/g

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

Escherichia coli	< 100	CFU/g

ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 06/24/25

Arsenic (As)	0.210	mg/kg (ppm)	Cadmium (Cd)	0.0183	mg/kg (ppm)
Lead (Pb)	0.541	mg/kg (ppm)	Mercury (Hg)	0.0137	mg/kg (ppm)

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

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.36	%	Mitraphylline	< 0.100	%
Paynantheine	0.223	%	Speciociliatine	0.290	%
Speciogynine	0.151	%	Total Alkaloids	2.03	%

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

Salmonella spp.	Negative	/25 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 06/19/25

Staphylococcus aureus	< 100	CFU/g

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

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 06/19/25

Yeast and Mold	< 100	CFU/g

Reported By: Thu D Ly, Chemistry Laboratory Technician, 6/30/2025

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