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: 9/6/2024 @ 23.6 °C
Report ID: 2409242

## Sample ID: 2409242-002 Borneo Green MD Wild - 76S28902GMDW-2B

### ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| Aerobic Plate Count | 2,400 | CFU/g |

### CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| Total Coliform Bacteria | 100 | CFU/g |

### EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| Enterobacteriaceae | < 100 | CFU/g |

### ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| Escherichia coli | < 100 | CFU/g |

### ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 09/11/24

| | | | | | |
|---|---|---|---|---|---|
| Arsenic (As) | 0.0940 | mg/kg (ppm) | Cadmium (Cd) | 0.0140 | mg/kg (ppm) |
| Lead (Pb) | 0.807 | mg/kg (ppm) | Mercury (Hg) | 0.0152 | mg/kg (ppm) |

### MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 09/12/24

| | | | | | |
|---|---|---|---|---|---|
| 7-Hydroxymitragynine | < 0.0100 | % | Isorhynchophylline | < 0.100 | % |
| Mitragynine | 1.40 | % | Mitraphylline | < 0.100 | % |
| Paynantheine | 0.297 | % | Speciociliatine | 0.380 | % |
| Speciogynine | 0.204 | % | Total Alkaloids | 2.28 | % |

### Myco.1: Mycotoxins by LC-MS Analyzed 09/12/24

| | | | | | |
|---|---|---|---|---|---|
| Aflatoxin B1 | < 10.0 | µg/kg (ppb) | Aflatoxin B2 | < 10.0 | µg/kg (ppb) |
| Aflatoxin G1 | < 10.0 | µg/kg (ppb) | Aflatoxin G2 | < 10.0 | µg/kg (ppb) |
| Ochratoxin A | < 20.0 | µg/kg (ppb) | | | |

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### Pest.1: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins) Analyzed 09/12/24

| | | | | | |
|---|---|---|---|---|---|
| Abamectin (B1a + B1b) | < 50.0 | µg/kg (ppb) | Acephate | < 25.0 | µg/kg (ppb) |
| Acequinocyl | < 10.0 | µg/kg (ppb) | Acetamiprid | < 10.0 | µg/kg (ppb) |
| Aldicarb | < 10.0 | µg/kg (ppb) | Azoxystrobin | < 10.0 | µg/kg (ppb) |
| Bifenazate | < 50.0 | µg/kg (ppb) | Bifenthrin | < 10.0 | µg/kg (ppb) |
| Boscalid | < 50.0 | µg/kg (ppb) | Carbaryl | < 50.0 | µg/kg (ppb) |
| Carbofuran | < 25.0 | µg/kg (ppb) | Chlorantraniliprole | < 25.0 | µg/kg (ppb) |
| Chlorfenapyr | < 100 | µg/kg (ppb) | Chlorpyrifos | < 10.0 | µg/kg (ppb) |
| Clofentezine | < 10.0 | µg/kg (ppb) | Coumaphos | < 10.0 | µg/kg (ppb) |
| Cyfluthrin (Baythroid) | < 50.0 | µg/kg (ppb) | Cypermethrin | 348 | µg/kg (ppb) |
| Daminozide | < 25.0 | µg/kg (ppb) | Diazinon | < 10.0 | µg/kg (ppb) |
| Dibrom (Naled) | < 50.0 | µg/kg (ppb) | Dimethoate | < 25.0 | µg/kg (ppb) |
| Dimethomorph | < 25.0 | µg/kg (ppb) | Ethofenprox | < 10.0 | µg/kg (ppb) |
| Ethoprophos (Prophos) | < 25.0 | µg/kg (ppb) | Etoxazole | < 25.0 | µg/kg (ppb) |
| Fenhexamid | < 50.0 | µg/kg (ppb) | Fenoxycarb | < 10.0 | µg/kg (ppb) |
| Fenpyroximate | < 25.0 | µg/kg (ppb) | Fipronil | < 10.0 | µg/kg (ppb) |
| Flonicamid | < 25.0 | µg/kg (ppb) | Fludioxonil | < 25.0 | µg/kg (ppb) |
| Hexythiazox | < 10.0 | µg/kg (ppb) | Imazalil | < 50.0 | µg/kg (ppb) |
| Imidacloprid | < 10.0 | µg/kg (ppb) | Kresoxim Methyl | < 10.0 | µg/kg (ppb) |
| Malathion | < 100 | µg/kg (ppb) | Metalaxyl | < 25.0 | µg/kg (ppb) |
| Methiocarb | < 50.0 | µg/kg (ppb) | Methomyl | < 25.0 | µg/kg (ppb) |
| Oxamyl | < 10.0 | µg/kg (ppb) | Paclobutrazol | < 25.0 | µg/kg (ppb) |
| Permethrins | < 10.0 | µg/kg (ppb) | Phosdrin (Mevinphos) | < 50.0 | µg/kg (ppb) |
| Phosmet | < 10.0 | µg/kg (ppb) | Piperonyl Butoxide | < 10.0 | µg/kg (ppb) |
| Prallethrin | < 25.0 | µg/kg (ppb) | Propiconazol | < 25.0 | µg/kg (ppb) |
| Propoxur | < 50.0 | µg/kg (ppb) | Pyrethrins | < 50.0 | µg/kg (ppb) |
| Pyridaben | < 10.0 | µg/kg (ppb) | Spinetoram | < 25.0 | µg/kg (ppb) |
| Spinosad A | < 10.0 | µg/kg (ppb) | Spinosad D | < 50.0 | µg/kg (ppb) |
| Spiromesifen | < 25.0 | µg/kg (ppb) | Spirotetramat | < 25.0 | µg/kg (ppb) |
| Spiroxamine | < 50.0 | µg/kg (ppb) | Systhane (Myclobutanil) | < 50.0 | µg/kg (ppb) |
| Tebuconazol (Folicur) | < 25.0 | µg/kg (ppb) | Thiacloprid | < 25.0 | µg/kg (ppb) |
| Thiamethoxam | < 25.0 | µg/kg (ppb) | Trifloxystrobin | < 10.0 | µg/kg (ppb) |

### Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 09/09/24

| | | |
|---|---|---|
| Salmonella spp. | Negative | /25 g |

### STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| 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 09/09/24

| | | |
|---|---|---|
| Shiga toxin-producing E. coli | Negative | /25 g |

### YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 09/09/24

| | | |
|---|---|---|
| Yeast and Mold | < 100 | CFU/g |

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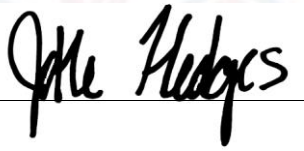
**Reported By:**  Jake S Hedges, Chemistry Laboratory Technician, 9/16/2024

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