

**Certificate of Analysis for**

bigtrea BV  
Karveelweg 30  
Maastricht, 6222NH

Received: 2/13/2026 @ 19.5 °C  
Report ID: 2602773

**Sample ID:** 2602773-004 bigtrea Premium 1,4% - 76S79109BPR

**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/04/26**

|                     |       |       |
|---------------------|-------|-------|
| Aerobic Plate Count | < 100 | CFU/g |
|---------------------|-------|-------|

**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/04/26**

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

**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/04/26**

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

**GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 03/05/26**

|                 |        |          |                               |        |          |
|-----------------|--------|----------|-------------------------------|--------|----------|
| Salmonella spp. | Absent | CFU/25 g | Shiga toxin-producing E. coli | Absent | CFU/25 g |
|-----------------|--------|----------|-------------------------------|--------|----------|

**ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 03/06/26**

|              |       |             |              |        |             |
|--------------|-------|-------------|--------------|--------|-------------|
| Arsenic (As) | 0.195 | mg/kg (ppm) | Cadmium (Cd) | 0.0223 | mg/kg (ppm) |
| Lead (Pb)    | 0.447 | mg/kg (ppm) | Mercury (Hg) | 0.0134 | mg/kg (ppm) |

**MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 02/17/26**

|                      |          |   |                    |          |   |
|----------------------|----------|---|--------------------|----------|---|
| 7-Hydroxymitragynine | < 0.0198 | % | Isorhynchophylline | < 0.0495 | % |
| Mitragynine          | 1.46     | % | Mitraphylline      | < 0.0495 | % |
| Paynantheine         | 0.232    | % | Speciociliatine    | 0.308    | % |
| Speciogynine         | 0.166    | % | Total Alkaloids    | 2.17     | % |

**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/04/26**

|                       |       |       |
|-----------------------|-------|-------|
| Staphylococcus aureus | < 100 | CFU/g |
|-----------------------|-------|-------|

**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/04/26**

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

Sample Description for 2602773-002A updated from bigtrea Premium 1,6% - 76S79112BPR to bigtrea Premium 1,5% - 76S79112BPR.

Reported By Riley Horner, Microbiology Laboratory Manager, 3/7/2026