



# CERTIFICATE OF ANALYSIS

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**Red Maeng Da**

**BATCH ID:** 021125-CK-28

**DATE:** 02/24/2025

**MIT %** 1.49%

Prepared by  
Canada Kratom Express  
[www.canadakratomexpress.com](http://www.canadakratomexpress.com)



# Certificate of Analysis for

Canada Kratom Express

Received: 2/13/2025 @ 20.6 °C

Report ID: 2502589

**Sample ID:** 2502589-028 LOT 021125-CK-28**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 02/18/25**

|                      |          |   |                    |         |   |
|----------------------|----------|---|--------------------|---------|---|
| 7-Hydroxymitragynine | < 0.0100 | % | Isorhynchophylline | < 0.100 | % |
| Mitragynine          | 1.49     | % | Mitraphylline      | < 0.100 | % |
| Paynantheine         | 0.246    | % | Speciociliatine    | 0.295   | % |
| Speciogynine         | 0.176    | % | Total Alkaloids    | 2.20    | % |

**Reported By:**

Trent M Millin, Microbiology Laboratory Manager, 2/21/2025



# Certificate of Analysis for

Canada Kratom Express

Received: 1/21/2025 @ 21.3 °C

Report ID: 2501839

**Sample ID:** 2501839-002

**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 01/21/25**

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

**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 01/21/25**

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

**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 01/21/25**

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

**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 01/29/25**

|              |        |             |              |        |             |
|--------------|--------|-------------|--------------|--------|-------------|
| Arsenic (As) | 0.0595 | mg/kg (ppm) | Cadmium (Cd) | 0.0158 | mg/kg (ppm) |
| Lead (Pb)    | 0.403  | mg/kg (ppm) | Mercury (Hg) | 0.0151 | mg/kg (ppm) |

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 01/22/25**

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

**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 01/21/25**

|                       |       |       |
|-----------------------|-------|-------|
| 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 01/22/25**

|                                         |          |       |
|-----------------------------------------|----------|-------|
| Shiga toxin-producing E. coli (stx-eae) | Negative | /25 g |
|-----------------------------------------|----------|-------|

**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 01/21/25**

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

Reported By:

Jake S Hedges, Chemistry Laboratory Supervisor, 1/30/2025