



LAB REPORT SUMMARY

Kratom Lab Results

Report 2604D42 · issued May 2, 2026 · tested by Murray-Brown Laboratories, Inc.

TESTED BY

Murray-Brown Laboratories,
Northglenn, Colorado, USASAMPLE
RECEIVED

April 28, 2026

REPORT ISSUED
May 2, 2026REPORT NUMBER
2604D42SAMPLE CODE
2604D42-001 H0

These are the results an independent lab reported for one sample of kratom powder from our supplier. Each result is shown exactly as the lab reported it, with a plain-words note beside it. The full report, unedited, is on page 2.

Bacteria, yeast and mould

Test	Result	In plain words
General bacteria count (aerobic plate count)	1,400 CFU/g	A count of all the bacteria that grew in the test. Dried plant material always carries some.
Total coliform bacteria	Less than 100 CFU/g	Below the lowest level this test reports.
E. coli	Less than 100 CFU/g	Below the lowest level this test reports.
Salmonella	Absent in 25 g	None found in the 25 g the lab tested.
Shiga toxin-producing E. coli (STEC)	Absent in 25 g	None found in the 25 g the lab tested.
Staphylococcus aureus	Less than 100 CFU/g	Below the lowest level this test reports.
Yeast and mould	Less than 100 CFU/g	Below the lowest level this test reports.

Heavy metals

Measured in parts per million (ppm).

Test	Result	In plain words
Lead (Pb)	0.179 ppm	0.179 mg in a whole kilogram of powder.
Arsenic (As)	0.405 ppm	0.405 mg in a whole kilogram of powder.
Cadmium (Cd)	0.0115 ppm	0.0115 mg in a whole kilogram of powder.
Mercury (Hg)	0.0272 ppm	0.0272 mg in a whole kilogram of powder.

Kratom alkaloids

Natural compounds made by the kratom plant, shown as a share of the powder's weight.

Test	Result	In plain words
Mitragynine	1.39%	The most common alkaloid in kratom leaf.
7-hydroxymitragynine (7-OH)	Less than 0.02%	Below the lowest level this test measures. Plain leaf has only traces of it.
Speciociliatine	0.332%	Another natural alkaloid of the kratom leaf.
Paynantheine	0.234%	Another natural alkaloid of the kratom leaf.
Speciogynine	0.152%	Another natural alkaloid of the kratom leaf.
Isorhynchophylline	Less than 0.0499%	Below the lowest level this test measures.
Mitraphylline	Less than 0.0499%	Below the lowest level this test measures.
Total alkaloids	2.11%	All the measured alkaloids added together.

How to read the units

CFU/g Colony-forming units per gram: a count of living bacteria, yeast or mould in one gram.**ppm** Parts per million. 1 ppm is 1 mg in a kilogram.**%** A share of the powder's weight.**Less than (<)** Below the lowest level the test can report.**Absent** None found in the amount tested.

About this report

The report names the sample by a code, not a strain, and results apply only to the sample the lab tested. This report does not include a pesticide test. We add more reports as we receive them at kratomdeliverycanada.ca/kratom-lab-results/.

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MURRAY-BROWN
LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Ping An Trading LLC
6451 W 96th Pl
Westminster, CO 80021
Phone: (510) 520-3002

Received: 4/28/2026 @ 27.4 °C
Report ID: 2604D42

Sample ID: 2604D42-001 H0

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 04/28/26

Aerobic Plate Count	1,400	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/28/26

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/28/26

Escherichia coli	< 100	CFU/g
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GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 04/28/26

Salmonella spp.	Absent	CFU/25 g	Shiga toxin-producing E. coli	Absent	CFU/25 g
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ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 04/30/26

Arsenic (As)	0.405	mg/kg (ppm)	Cadmium (Cd)	0.0115	mg/kg (ppm)
Lead (Pb)	0.179	mg/kg (ppm)	Mercury (Hg)	0.0272	mg/kg (ppm)

MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 04/28/26

7-Hydroxymitragynine	< 0.0200	%	Isorhynchophylline	< 0.0499	%
Mitragynine	1.39	%	Mitraphylline	< 0.0499	%
Paynantheine	0.234	%	Speciociliatine	0.332	%
Speciogynine	0.152	%	Total Alkaloids	2.11	%

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 04/28/26

Staphylococcus aureus	< 100	CFU/g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 04/28/26

Yeast and Mold	< 100	CFU/g
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Riley M. Horner

Reported By Riley Horner, Microbiology Laboratory Manager, 5/2/2026