

**Certificate of Analysis for**

Herba Re-Leaf LLC  
281 West 6th Street  
West Wyoming, PA 18644  
Phone: (570) 677-3128

Received: 6/3/2024 @ 24.6 °C  
Report ID: 2406036

**Sample ID:** 2406036-002 Mit Quick**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 06/03/24**

Aerobic Plate Count	10	CFU/g
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**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/03/24**

Total Coliform Bacteria	< 10	CFU/g
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**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/03/24**

Escherichia coli	< 10	CFU/g
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**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 06/07/24**

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	< 0.005	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 06/05/24**

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	10.5	%	Mitraphylline	< 0.100	%
Paynantheine	1.07	%	Speciociliatine	0.399	%
Speciogynine	0.725	%	Total Alkaloids	12.7	%

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 06/03/24**

Salmonella spp.	Negative	/1 g
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**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 06/03/24**

Staphylococcus aureus	< 10	CFU/g
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**STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 06/03/24**

Shiga toxin-producing E. coli	Negative	/1 g
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**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 06/03/24**

Yeast and Mold	20	CFU/g
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**Reported By:**

Ryan Connelly, Chemistry Laboratory Manager, 6/7/2024