

**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: 2406036-001 Golden Standard

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 06/03/24

Aerobic Plate Count < 10 CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/03/24

Total Coliform Bacteria < 10 CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 06/03/24

Escherichia coli < 10 CFU/g

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 06/04/24

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.00	%	Mitraphylline	< 0.100	%
Paynantheine	0.127	%	Speciociliatine	0.046	%
Speciogynine	0.079	%	Total Alkaloids	1.25	%

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

Salmonella spp. Negative /1 g

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

Staphylococcus aureus < 10 CFU/g

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

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 06/03/24

Yeast and Mold < 10 CFU/g

Reported By:

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