



Certificate of Analysis for
 Antidote Extract Labs
 2923 38th St South
 St. Petersburg, FL 33711
 Phone: (727) 396-4850



Received: 5/14/2026 @ 23.4 °C

NKL203

Sample ID: 2605713-001

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 05/14/26

Aerobic Plate Count	< 10	CFU/g
---------------------	------	-------

Kava.1: Flavokawains by HPLC-UV Analyzed 05/18/26

Flavokawain A	0.368	mg/mL	Flavokawain B	1.08	mg/mL
Flavokawain C	< 0.0100	mg/mL	Total Flavokawains	1.45	mg/mL

ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 05/19/26

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	< 0.00500	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 05/18/26

Desmethoxyyangonin	1.25	mg/mL	Dihydrokawain	4.84	mg/mL
Dihydromethysticin	1.66	mg/mL	Kawain	4.06	mg/mL
Methysticin	1.02	mg/mL	Total Kavalactones	13.7	mg/mL
Yangonin	0.887	mg/mL			

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 05/18/26

1,2-Dichloroethane	< 1.00	mg/kg (ppm)	2-Propanol	< 50.0	mg/kg (ppm)
Acetone	< 50.0	mg/kg (ppm)	Acetonitrile	< 50.0	mg/kg (ppm)
Benzene	< 0.500	mg/kg (ppm)	Chloroform	< 1.00	mg/kg (ppm)
Cyclohexane	< 50.0	mg/kg (ppm)	Diethyl ether	< 50.0	mg/kg (ppm)
Ethanol	58.4	mg/kg (ppm)	Ethyl Acetate	< 50.0	mg/kg (ppm)
Heptane	< 50.0	mg/kg (ppm)	Hexane	< 2.00	mg/kg (ppm)
Methanol	< 50.0	mg/kg (ppm)	Methylene Chloride	< 1.00	mg/kg (ppm)
N,N-Dimethylformamide	< 10.0	mg/kg (ppm)	Pentane	< 50.0	mg/kg (ppm)
Toluene	< 1.00	mg/kg (ppm)	Trichloroethene	< 50.0	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 40.0	mg/kg (ppm)			

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 05/14/26

Yeast and Mold	< 10	CFU/g
----------------	------	-------

Reported By Jake S Hedges, Operations Manager, 5/20/2026