

# Wonderland Labs

## Certificate of Analysis

15 JANUARY 2025

RED POWDER / F8EDB



Client:	WESTMAN PRODUCTS	SAMPLE SET:	MWC-250107-B
Sample Type:	Powder	Prepped By:	Keith C.
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2025-01
Dilution:	1.0	Testing ID:	250107-B_0003.D
Vial:	Vial 53	Date Processed:	01/08/2025

### ----- ID/POTENCY -----

#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	3151	141	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.41
2	7-Hydroxymitragynine	6	N/D	N/D	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>	N/D
3	Paynantheine	10	1004	49	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.49
4	Speciogynine	11	574	28	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.28
1	Mitragynine	14	460	22	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.22

### ----- BIOLOGICAL -----

USP NF  
Total Viable Count

USP.NF  
Total Yeast

USP NF  
Total Mold

Sample	Lot #	Spec	Result	Spec	Result	Spec	Result
Red Powder	F8EDB	500k CFU/g	PASS	POS/NEG	NEG	POS/NEG	NEG

FDA(BAM)CH.4  
Coliform

USP NF  
E. Coli

USP NF  
Salmonella

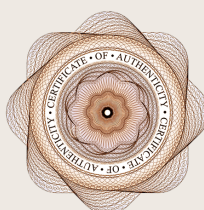
USP NF  
Staphylococcus

Sample	Lot #	Spec	Result	Spec	Result	Spec	Result	Spec	Result
Red Powder	F8EDB	10k CFU/g	PASS	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG

### ----- HEAVY METALS -----

Product #	Lot #	Metals	Spec	Results
Red Powder	F8EDB	Arsenic	< 10,000 ppb	620 ppb
		Cadmium	< 4,100 ppb	N/D
		Lead	< 900 ppb**	370 ppb
		Mercury*	< 300 ppb	10 ppb

Mitragynine Content: 14 mg/g  
ONE FOUR  
 Heavy Metals: PASS  
 Biological: PASS



SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: