

CERTIFICATE OF ANALYSIS WITH PRODUCT SPECIFICATIONS
300 mg Nano-Liposomal Hemp CBD, Peppermint

Part Number: FP347-01 Manufacturer Lot Number: 190176-1 Date issued: May 21, 2019	Product Description: A liposomal CBD finished product consisting of 20 mg/mL Cannabidiol (CBD) in a biocompatible lipid carrier with peppermint flavor. Finished product is supplied in a violet glass bottle with a child-proof cap and external glass 0.7 mL dropper.
Other Ingredients: Purified water, sunflower phosphatidylcholine, medium chain triglycerides, cholesterol, dl-alpha-tocopherol (preservative), monk fruit extract, peppermint oil, citric acid monohydrate (preservative), malic acid (preservative), potassium sorbate (preservative), sodium benzoate (preservative). Contains coconut and soy.	

Assay	Test Method	Specifications	Results	Pass/No Pass
Appearance	Visual Inspection	White to slight pink, not transparent, free of sedimented particulates	White to slight pink, not transparent, free of sedimented particulates	PASS
CBD Assay	RP-HPLC-UV	18-24 mg/mL	22.8 mg/mL	PASS
CBD Identity	RP-HPLC-UV	Retention Time $\pm 5\%$ of Reference Standard	Retention Time $\pm 5\%$ of Reference Standard	PASS
Related Substances	RP-HPLC-UV	Report Results	No Related Substances Detected (Non-detectable THC according to third-party HPLC analysis < LOQ)	PASS
THC Assay	RP-HPLC-UV	NMT 0.3%	Not Detected	PASS
pH	USP <791>	3.9 to 4.4	4.4	PASS
Density	Gravimetric	0.96 to 1.02 g/mL	0.994 g/mL	PASS
Particle Size	DLS	NMT 200 nm	100.5 nm	PASS
Polydispersity Index	DLS	NMT 0.300	0.186	PASS
Zeta Potential	Zeta Sizer	Report Results	4.94 mV	N/A
Microbiology. Total Plate Count	USP <61>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Yeast & Mold	USP <61>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Coliforms	USP <62>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Escherichia coli	USP <62>	Absent	Absent	PASS
Microbiology. Pseudomonas aeruginosa	USP <62>	Absent	Absent	PASS
Microbiology. Staphylococcus aureus	USP <62>	Absent	Absent	PASS
Microbiology. Salmonella enterica	USP <62>	Absent	Absent	PASS
Microbiology. Candida albicans	USP <62>	Absent	Absent	PASS
Heavy Metals. Lead	USP <232,233> by ICP-MS	NMT 5 mcg/day	0.005 mcg	PASS
Heavy Metals. Arsenic	USP <232,233> by ICP-MS	NMT 15 mcg/day	0.017 mcg	PASS
Heavy Metals. Cadmium	USP <232,233> by ICP-MS	NMT 5 mcg/day	Not Detected	PASS
Heavy Metals. Mercury	USP <232,233> by ICP-MS	NMT 30 mcg/day	0.014 mcg	PASS
Pesticides	USP <561> by GC-MS	In accordance with safe limits defined in USP <561>	Complies	PASS
Residual Solvents	USP <467> by GC-FID; Class 1 and Class 2 Solvents	In accordance with safe limits defined in USP <467>	Complies	PASS
Residual Solvents. Ethanol USP	GC-FID	NMT 0.1%	0.06%	PASS
Volume in Container	Gravimetric	NLT 15 mL	15.52 mL	PASS

NMT – No More Than; NLT – No Less Than; RP-HPLC-UV – Reversed Phase High Performance Liquid Chromatography with UV Detector; DLS – Dynamic Light Scattering; LOQ – Limit of Quantification; PPM – parts per million; N/A – Not Applicable

GMP Statement. RESET Balance was manufactured in a facility that follows Current Good Manufacturing Practices (cGMP) for Dietary Supplements.