

CERTIFICATE OF ANALYSIS WITH PRODUCT SPECIFICATIONS

Reset Balance Liposomal Hemp CBD, Peppermint

Part Number: SLP-CBD-20MG-20MLF-PM Manufacturer Lot Number: 190808-1 Date Issued: 26 August 2019	Product Description: A liposomal CBD finished product consisting of Cannabidiol (CBD) at a concentration of 20 mg/mL in a biocompatible lipid carrier with peppermint flavor. Finished product is supplied in a violet glass bottle with 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	Color: White Transparent: No Free of Sedimented Particulates: Yes	PASS
Aroma	Olfactory	Peppermint Smell	Conforms	PASS
CBD Assay ¹	RP-HPLC-UV	18 to 24 mg/mL	20.01 mg/mL	PASS
CBD Identity ¹	RP-HPLC-UV	Retention Time (RT) \pm 5% of Reference Standard	Conforms (RT \pm 0.2%): Certified Reference Material: 3.076 min Sample of Interest: 3.071 min	PASS
Related Substances ¹	RP-HPLC-UV	Report Results	No Related Substances above LOQ	PASS
THC Assay ¹	RP-HPLC-UV	NMT 0.3%	Not Detected Above 0.3% or above LOQ	PASS
pH	USP <791>	3.9 to 4.4	4.224	PASS
Density	Gravimetric	0.96 to 1.02 g/mL	0.993 g/mL	PASS
Particle Size	Dynamic Light Scattering (DLS)	NMT 200 nm	110.8 nm	PASS
Polydispersity Index	Dynamic Light Scattering (DLS)	NMT 0.300	0.087	PASS
Zeta Potential	Zeta Sizer	Report Results	7.71 mV	PASS
Microbiology. Total Place Count ¹	USP <61>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Yeast & Mold ¹	USP <61>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Coliforms ¹	USP <62>	NMT 100 cfu/gm	<10 cfu/gm	PASS
Microbiology. Escherichia coli ¹	USP <62>	Absent	Absent	PASS

For any questions related to this Certificate of Analysis please contact Customer Service at 512-540-3788

Prepared for Reset Bioscience, LLC.

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Assay	Test Method	Specifications	Results	Pass / No Pass
Microbiology. Pseudomonas aeruginosa ¹	USP <62>	Absent	Absent	PASS
Microbiology. Staphylococcus aureus ¹	USP <62>	Absent	Absent	PASS
Microbiology. Salmonella enterica ¹	USP <62>	Absent	Absent	PASS
Microbiology. Candida albicans ¹	USP <62>	Absent	Absent	PASS
Mycotoxins. Total Aflatoxin B1, B2, G1, G2 ¹	RP-HPLC-MS/MS	NMT 0.02 ppm (20 mcg/mL)	Not Detected	PASS
Mycotoxins. Total Ochratoxin A ¹	RP-HPLC-MS/MS	NMT 0.02 ppm (20 mcg/mL)	Not Detected	PASS
Heavy Metals. Lead ¹	USP <232,233> by ICP-MS	NMT 5 ug/day	0.001 mcg/day	PASS
Heavy Metals. Arsenic ¹	USP <232,233> by ICP-MS	NMT 15 ug/day	0.019 mcg/day	PASS
Heavy Metals. Cadmium ¹	USP <232,233> by ICP-MS	NMT 5 ug/day	Not Detected	PASS
Heavy Metals. Mercury ¹	USP <232,233> by ICP-MS	NMT 30 ug/day	0.001 mcg/day	PASS
Pesticides ¹	USP <561> by GC-MS	In accordance with safe limits defined in USP <561>	Complies	PASS
Residual Solvents ¹	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 ¹	GC-FID	NMT 0.1%	0.0153%	PASS
Volume in Container	Gravimetric	NLT 15 mL	15.125 mL	PASS
Labeling. Pre-Printed Bottles	Visual Inspection	Meets Current Label Specs & Drawings	Conforms	PASS

NMT – No More Than; NLT – No Less Than; RP-HPLC-UV – Reversed Phase High Performance Liquid Chromatography with UV Detector; RP-HPLC-MS/MS – Reverse Phase High Performance Liquid Chromatography with Mass Spectroscopy (Quadrupole); USP – United States Pharmacopeia; ICP-MS – Inductively Coupled Plasma Mass Spectrometry; GC-MS – Gas Chromatography Mass Spectrometry; GC-FID – Gas Chromatography Flame Ionization Detector; DLS – Dynamic Light Scattering; LOQ – Limit of Quantification; PPM – parts per million; N/A – Not Applicable.
¹Performed by an ISO 17025 Accredited Laboratory

GMP Statement. Reset Balance Liposomal Hemp CBD (Peppermint) was manufactured in a facility that follows Current Good Manufacturing Practices (cGMP) for Dietary Supplements. The data described within this Certificate of Analysis was generated for Reset Bioscience, LLC. The data was reviewed by Reset Bioscience, LLC for accuracy and compliance with Good Manufacturing Practices. Reset Bioscience, LLC has archived the raw data.

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