

Certificate of Analysis

COMMON NAME: Buckthorn Bark Powder

BOTANICAL NAME: Rhamnus frangula

LOT NUMBER: BPCBBP12025

EXPIRY: January 2028

COUNTRY OF ORIGIN: USA

PHYSICAL CHARACTERISTIC	RESULT	SPECIFICATION	METHODOLOGY	TYPE
Appearance/Form:	Powder	Powder	Organoleptic	In House
Color:	Yellow to brown	Yellow to brown	Organoleptic	In House
Particle Size:	96.5%	≥ 95% through a US 60 Mesh	ASTA 10.0	In House
Bulk Density:	0.33 g/ml	Report Only	USP 30 616	In House
Tapped Density:	0.49 g/ml	Report Only	USP 30 616	In House
Moisture:	1.72%	≤ 10.0%	Loss on Drying	In House
HEAVY METAL ANALYSIS	RESULT	SPECIFICATION	METHODOLOGY	TYPE
Arsenic:	0.02 ppm	≤ 1.00 ppm	ICP-MS	3 rd Party Lab
Cadmium:	0.05 ppm	≤ 1.00 ppm	ICP-MS	3 rd Party Lab
Lead:	0.44 ppm	≤ 5.00 ppm	ICP-MS	3 rd Party Lab
Mercury:	0.01 ppm	≤ 1.00 ppm	ICP-MS	3 rd Party Lab
MICROBIOLOGICAL ANALYSIS	RESULT	SPECIFICATION	METHODOLOGY	TYPE
Total Aerobic Plate Count:	35,000 CFU/g	Report Only	AOAC 966.23	3 rd Party Lab
E.Coli:	< 10 CFU/g	< 10 CFU/g	AOAC 991.14	3 rd Party Lab
Yeast:	110 CFU/g	Report Only	FDA-BAM 7 th ed.	3 rd Party Lab
Mold:	70 CFU/g	Report Only	FDA-BAM 7 th ed.	3 rd Party Lab
Salmonella:	Negative /25g	Negative /25g	AOAC 2004.03	3 rd Party Lab
PESTICIDES	Pass	Report Only	USP 561	3 rd Party Lab

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