

CERTIFICATE OF ANALYSIS

Product Name	Mulberry Root-Bark Extract Purple
Latin Name	<i>Morus alba L.</i>
Expiry Date	April 2029
Batch Number:	MDR908753

Item of Analysis	Specification	Results	Method
Extract ratio	10:1	10:1	TLC
Organoleptic			
Appearance	Fine Powder	Conforms	Organoleptic
Color	Characteristic powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	5%NMT (%)	1.43%	USP<731>
Total ash	5%NMT (%)	2.17%	USP<561>
Bulk Density	45-60g/100mL	49g/100mL	CP2010IA
Heavy Metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS

QUALITY @100%

Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	3000cfu/g Max	Conform	USP<61>
Yeast & Mold	300cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

This report is not to be signed.

All data are as per our supplier.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

