

Certificate of Analysis

Product Name	Magnolia Bark Extract		
Botanical Latin Name	Magnolia officinalis Rehd. et Wils.	Plant Part	Bark
Lot No.	KT-MBE-98-260609-01	Batch Quantity	847kg
Mfg Date	2026/06/09	Expiring Date	2028/06/08
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specification	Results	Test Method
Assay (Magnolol+Honokiol)	≥ 98.0%	98.5%	HPLC
Magnolol content	-	55.5%	HPLC
Honokiol content	-	43.0%	HPLC
Identification	Positive	Complied	HPTLC
Physical and chemical properties			
Appearance	White powder	Complies	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Particle Size	≥98% Through 80 mesh	Conforms	USP <786>
Bulk Density (loose)	-	41 g/100mL	USP <616>
Bulk Density (tapped)	-	65 g/100mL	USP <616>
Loss on drying	≤5.0%	0.3%	USP <731>
Residue on Ignition	≤ 5.0%	0.05%	USP <281>
Heavy Metals	≤ 10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	≤ 2.0ppm	Conforms	Atomic Absorption
Mercury(Hg)	≤ 0.1ppm	Conforms	Atomic Absorption
Arsenic(As)	≤ 1.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤ 2.0ppm	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	USP <61>
Mold and yeast Count,cfu/g	≤ 100 CFU/g	Conforms	USP <61>
E. coli	Negative/g	Conforms	USP <61>
Salmonella	Negative/g	Conforms	USP <61>
Staphylococcus aureus	Negative/g	Conforms	USP <61>
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.			
*Shelf life: 2 Years When Stored properly			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

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