



Certificate of Analysis

Product Name	Magnolia Bark Extract		
Botanical Name	Magnolia officinalis Rehd. et Wils.	Plant Part	Bark
Lot No.	KT-HK90-260719A	Batch Quantity	847kg
Mfg Date	July 19, 2026	Expiring Date	July 18, 2028
Report Date	July 24, 2026	Product Grade	Food grade
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 (Honokiol)	≥ 90.0%	91.02%	HPLC (ChP)
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	ChP General Rule
Bulk Density (loose)	Record result	0.42g/mL	USP <616>
Bulk Density (tapped)	Record result	0.65g/mL	USP <616>
Loss on drying	≤ 5.0%	0.32%	USP <731>
Residue on Ignition	≤ 5.0%	0.05%	USP <281>
Heavy Metals	≤ 10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	≤ 2.0 ppm	Conforms	Atomic Absorption
Mercury(Hg)	≤ 0.1ppm	Conforms	Atomic Absorption
Arsenic(As)	≤ 1.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤ 2.0ppm	Conforms	Atomic Absorption
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	GB 4789.2
Mold and yeast Count,cfu/g	≤ 100 CFU/g	Conforms	GB 4789.15
E. coli	Negative/g	Conforms	GB 4789.38
Salmonella	Negative/g	Conforms	GB 4789.4
Staphylococcus aureus	Negative/g	Conforms	GB 4789.10
*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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