

Certificate of Analysis

Product Name	Luteolin	Botanical Name	Sophora japonica L.
Lot No.	KT20260623	Plant Part	Bud
Mfg Date	June 23, 2026	Batch Quantity	210 kg
Expiration Date	June 23, 2028	Report Date	June 25, 2026
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China

Analysis Items	Specifications	Results	Test Method
Assay (Luteolin)	≥98.0%	98.36%	HPLC External Standard Method
Identification	Conform with reference	Complies	HPLC
Physical and chemical properties			
Appearance	Light yellow powder	Complies	Visual
Odour	Characteristic	Complies	Organoleptic
Particle Size	≥95% Through 80 mesh	Complies	USP<786>
Loss on drying	≤2.0%	0.15%	USP<731>
Residual on Ignition	≤1.0%	0.42%	USP<281>
Heavy Metals	≤ 10.0ppm	Conforms	Colorimetric
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	≤1000 CFU/g	ISO 4833-1:2013
Mold and yeast Count,cfu/g	≤ 100 CFU/g	≤100 CFU/g	ISO 21527-2:2008
E. coli	<10 CFU/g	<10 CFU/g	ISO 16649-2:2001
Salmonella	Negative/25g	Negative	ISO 6579-1:2017
*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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