



Shaanxi New Things Biotech Co.,Ltd

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Certificate of Analysis

Product Name	Quercetin 95%		
Botanical Name	<i>Sophora Japonica L.</i>	Batch No.	NT2025121301
Quantity	1000 kg	Test Date	2025-12-13
CAS Number	6151-25-3	Manufacturing Date	2025-12-16
Origin of Material	China	Expiry Date	2027-12-12

Items	Standards	Results	Method
Physical Analysis			
Assay	$\geq 95.0\%$	95.20%	HPLC
	$\geq 98.0\%$	98.30%	UV
Identification	Must Positive	Complies	/
Appearance	Yellow powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Sieve Analysis	100% pass 80 mesh	80 mesh	80 mesh Screen
Loss on drying	9.0-12.0%	9.6%	GB 5009.3
Ash	$\leq 5\%$	0.12%	GB 5009.4
Heavy Metal	10 ppm Max	Complies	Atomic Absorption
As	1.0mg/kg Max.	Complies	Atomic Absorption
Pb	2.0mg/kg Max.	Complies	Atomic Absorption
Hg	0.1mg/kg Max.	Complies	Atomic Absorption
Cd	1.0mg/kg Max.	Complies	Atomic Absorption
Microbiological Analysis			
Total Plate Count	$\leq 1000\text{cfu/g}$	Complies	GB 4789.2
Yeast&Mold	$\leq 100\text{cfu/g}$	Complies	GB 4789.15
E.coil	Negative	Negative	GB 4789.3
Salmonella	Negative	Negative	GB/T4789.4

QA: Peng Peng

QC:Guo Shan

