



# Certificate of Analysis

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Product information		Batch information	
Product name	<b>Sophora Japonica Extract</b>	Batch no.	S003.S95901.G0135.240518
Botanical name	Sophora japonica L.	Production date	2024-05-17
OHI product code	S003.S95901	Analysis date	2024-05-17
Plant part	Buds	Re-test date	2027-05-16
Country of origin	P.R.CHINA		

Analysis item	Specification	Result	Analysis test method
Assay	95% Rutin NF11	<b>96.30%</b>	UV-VIS
<b>Organoleptic properties</b>			
Appearance <sup>1</sup>	Fine Yellow green powder	Conform to specification	Visual
Taste	Typical to botanical	Conform to specification	Gustatory
Odor	Typical to botanical	Conform to specification	Olfactory
<b>Physical properties</b>			
Sieve analysis	95% pass 80 mesh	Conform to specification	Mesh screen or equivalent
Moisture content	≤15%	6.80%	IR balance or equivalent
Ash	≤5%	0.10%	2g/525°C/5hrs or equivalent
<b>Heavy metals<sup>2</sup></b>			
Arsenic (As)	≤ 1 ppm	0.039ppm	AA or equivalent
Cadmium (Cd)	≤ 1 ppm	0.0142ppm	AA or equivalent
Lead (Pb)	≤ 3 ppm	0.05ppm	AA or equivalent
Mercury (Hg)	≤ 0.1 ppm	0.027ppm	AA or equivalent
Total heavy metals	≤ 10 ppm	Conform to specification	Colorimetry or equivalent
<b>Microbiology</b>			
Total plate count	≤10000cfu/g	<20cfu/g	AOAC or equivalent
Yeasts & Molds	≤1000cfu/g	<20cfu/g	AOAC or equivalent
Salmonella	Absent/10g	Conform to specification	AOAC or equivalent
E.Coli	Absent/1g	Conform to specification	AOAC or equivalent
Identification	Positive	Conform to specification	TLC
<b>Additional information</b>			
Tapped Density	Report	0.53g/ml	USP<616>
Tap Density	Report	0.78g/ml	USP<616>

High Temperature & High Pressure Short time (5" - 10")

Re-test date 36 months from production date in original packaging and qualified storage conditions.

Storage Store product in tightly sealed containers in dry and dark environment at room temperature.

Avoid exposure to air pollution, heat, sunshine and moisture. Reclose containers tightly after use.

<sup>1</sup> This is a natural product; color variations may appear between extraction batches due to crop, harvest and seasonal fluctuations.

<sup>2</sup> Individual and total heavy metals are not being tested for each batch. Random analyses are being regularly performed minimum once a year.

This datasheet is in compliance with USA and EU food regulations.

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QC Supervisor

谢曾强

