

## Certificate of Analysis

Product Name	Genistein	Batch No.	QY-RLMS20230616
Botanical Source	<i>Sophora Japonica L.</i>	Manufacturing Date	2023-06-16
Plant Part	Fruit	Expiration Date	2026-06-15

Item	Specification		Result	Method
<b>Assay</b>	Genistein 98%		98.09%	HPLC
<b>Physical &amp; Chemical Data</b>				
Appearance	Off White Fine Powder		Conforms	Organoleptic
Odor & Taste	Characteristic		Conforms	
<b>Analytical Quality</b>				
Identification			Identical	TLC
Sieve	NLT 95% Through 80 mesh		Conforms	Mesh Screen
Extract Solvent	Ethanol & Water		Conforms	
Loss on Drying	≤3.0%		0.67%	CP2020
Ash	≤3.0%		0.44%	CP2020
Bulk Density	0.30~0.70g/ml		Conforms	CP2020
<b>Pesticide Residue</b>				
BHC	≤0.2ppm		Conforms	GC-MASS
DDT	≤0.2ppm		Conforms	GC-MASS
PCNB	≤0.1ppm		Conforms	GC-MASS
<b>Total Heavy Metals</b>	≤10ppm		Conforms	Colorimetry
Arsenic(As)	≤2ppm		Conforms	AAS
Lead(Pb)	≤2ppm		Conforms	AAS
Mercury(Hg)	≤0.1ppm		Conforms	AAS
Cadmium(Cd)	≤1ppm		Conforms	AAS
<b>Microbiological Tests</b>	Irradiation	Non irradiated		
Total Plate Count	≤1000cfu/g	≤10000cfu/g	Conforms	CP2020
Yeast & Mold	≤100cfu/g	≤300cfu/g	Conforms	CP2020
E.Coli	Negative	Negative	Negative	CP2020
Salmonella	Negative	Negative	Negative	CP2020
Staphylococcus	Negative	Negative	Negative	CP2020
<b>Conclusion</b>	Conform with specification			

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 36 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2023-06-21