

Certificate of Analysis

Product Information			
Product Name	Isoquercitrin	Report Number	ISN20230128
Botanical Name	Sophora Japonica L.	Manufacture Date	2023/01/03
Used Part	Buds	Analysis Date	2023/01/08
Batch Number	ISN230103	Report Date	2023/01/13
Batch Quantity	200Kg	Expiry Date	2025/01/02
<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
Active Ingredients			
Assay	≥98.0%	98.16%	HPLC
Physical & Chemical Data			
Appearance	Yellow Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	95% through 80 mesh	Conforms	80 Mesh Screen
Related substances(Impurity ByHPLC)			
Rutin	≤2.0%	0.55%	HPLC
Quercetin	≤3.0%	1.32%	HPLC
Residual solvents (Methanol)	≤10ppm	<10ppm	HPGC
Loss on Drying	≤10.0 %	6.14%	120°C/4 hrs
Sulphated Ash	≤0.30 %	0.14%	EP
Contaminants			
Heavy metals	≤20mg/kg	Conforms	Visual Colorimetry
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<1.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤10000cfu/g	185cfu/g	CP2015
Yeast & Moulds	≤100cfu/g	65cfu/g	CP2015
E-Coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Coliforms	≤10cfu/g	Conforms	CP2015
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: *张丽娟*

Checker: *李明* Approved:

