

Certificate of Analysis

Product Name	RUTIN		
Batch No.	RU230208		
Batch Quantity	3500kgs		
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Basic Product Information			
Genus and Species	<i>Sophora Japonica L.</i>	Conform	/
Specification	NF11	Conform	/
Part of the Plant	Whole plant	Conform	/
Country of Origin	China	Conform	/
Identification	A.B.C	Conform	/
Organoleptic Data			
Assay(anhydrous substance)	95.0%-101.5%	95.14%	UV
Appearance	Crystalline powder	Conform	HES-QCS-1008
Color	Greenish-yellow	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
Solubility	Practically insoluble in chloroform and ether	Conform	/
	Infinitesimally soluble in cool water	Conform	/
	Sparingly soluble in boiling ethanol and boiling	Conform	/
	Dissolves in solution of alkali hydroxides	Conform	/
Physical Characteristics			
Particle Size	95% pass 80 mesh	Conform	GB/T 5507-2008
Loss on Drying	5.5-9.0%	6.28%	GB/T 14769-1993
Residue on Ignition	<5.0%	0.29%	
Heavy Metals			
Total Heavy Metals	<20ppm	<10ppm	USP <231>, method II
Microbiology			
Total Plate Count	<1,000cfu/g	Conforms	AOAC 990.12, 18th
Yeast & Mold	< 300cfu/g	Conforms	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.

