

## Rutin DAB10 COA



SICHUAN GUANG SONG PHARMACEUTICAL CO.,LTD.

No.332,Kong Gang Second Road,Southwest Airport Economic Development Zone,Shuangliu District,Chengdu ,Sichuan

### CERTIFICATE OF ANALYSE

<b>Product:</b> Rutin DAB10			
<b>Botanical Name</b>	<i>Sophorae japonica L.</i>	<b>Batch Number</b>	RU201210
<b>Part Used</b>	<i>Flos sophorae</i> bud	<b>Quantity</b>	1000kgs
<b>CAS NO</b>	153-18-4	<b>Product Code</b>	FP-001
<b>Manufacture Date</b>	Dec.30, 2020	<b>Expiration Date</b>	Dec.29, 2023
<b>Report Date</b>	Jan.07, 2021	<b>Country of Origin</b>	China
<b>Ratio of raw material to finished product:</b> 9: 1		<b>Extract Solvents:</b> Water、methanol	
<b>Packing specifications、 container:</b> 25kg、 2 double PE Bags /1kraft drum			
<b>Storage:</b> Keep sealed in dry and cool place			

Test Description	Standard	Results	Methods
<b>Appearance</b>	Pale yellow powder	Conforms	Visual
<b>Identification</b>	Positive	Conforms	DAB
<b>Solubility</b>	Solution at 0.2% in hot water Solution at 2% in hot anhydrous alcohol The orange coloured solution of 0.10g Substances in 5.0ml solution of ammonia 10%	Conforms	DAB
<b>Heavy metals</b>	≤10ppm	Conforms	DAB
<b>Methanol</b>	≤300ppm	70ppm	DAB
<b>Related substances -- Quercetin</b>	≤1.0% (TLC)	Conforms	DAB
<b>Loss on drying</b>	5.0%~8.5%	7.7%	DAB
<b>Sulphated Ashes</b>	≤0.1%	0.02%	DAB
<b>Assay</b>	98.5%~102.0%	100.5%	DAB
<b>Microbiological test</b> ---Bacteria ---Yeast& Mould ---Salmoella ---Escherichia coli	≤1000cfu/g ≤100cfu/g Negative Negative	<10cfu/g <10cfu/g Negative Negative	CP2015

This product is tested according to In-house Standard and the results meet the specifications.

Manager of Quality Department

  
(Ma Jun)