



# CHENG DU GREEN MAX BIO-TECH CO.,LTD.

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## Certification of Rutin

Report No.: 2011122302

<b>Product Name</b>	Rutin	<b>Batch No.</b>	111223-01
<b>Rep. sample</b>	1000KG	<b>Latin Name</b>	<i>Scphora japonica L.</i>
<b>Manufacture Date</b>	Dec. 23, 2011	<b>Sample Date</b>	Dec. 23, 2011
<b>Expiration Date</b>	Dec. 22, 2013	<b>Country of Origin</b>	China
<b>Test Basis</b>	Enterprise Standard		
<b>Test Items</b>	<b>Specification</b>	<b>Test Results</b>	
Appearance	Yellow or greenish-yellow, crystalline powder	Greenish-yellow crystalline powder	
Solubility	Practically insoluble in chloroform and ether	Complies	
	Infinitesimally soluble in cool water	Complies	
	Sparingly soluble in boiling ethanol and boiling water	Complies	
	Dissolves in solution of alkali hydroxides	Complies	
Identification	A.B.C	Complies	
Loss on drying	5.5-9.0%	8.12%	
Residue on Ignition	≤0.5%	0.26%	
Impurity quercetin	≤5%	Complies	
Red pigments	≤0.004%	Complies	
Heavy Metal	≤20ppm	<20ppm	
Mesh Size	100% pass 80 mesh	Complies	
<b>Assay (anhydrous substance) by UV</b>	<b>≥95%</b>	<b>95.52%</b>	
Total plate count	≤1000CFU/g	Complies	
Yeast & Mould	≤100CFU/g	Complies	
E .Coli	Absent	Absent	
Pseudomonas aeruginosa	Absent	Absent	
<b>Conclusion: Conform to NF11 Standard</b>			

QC Manager: Liang Xiao Dong

