

Certificate Of Analysis

Product Name:	Rutin	
Batch No.:	RU20220306	
MFG. Date:	Mar.06,2022	
Expiry Date:	Mar.05,2024	
Botanical Source:	<i>Sophora Japonica</i> L.	
Used Part:	Flower Buds	
Extract Solvent:	Water&Ethanol	
Specification:	NF11	
Non GMO	BSE/TSE Free	Non Irradiation

ITEMS	SPECIFICATION	RESULTS	METHODS
Assay Data			
Assay (on dried basis)	≥95%	95.50%	UV
Quality Data			
Appearance	Yellow to greenish-yellow powder	Conforms	Visual
Odor	Characteristics	Conforms	Organoleptic
Water content	5.5%~9.0%	6.50%	Karl Fischer
Residue on ignition	≤0.5%	0.35%	USP
Alcohol insoluble impurity	≤5mg	1.0mg	USP
Quercetin	≤4.0%	Conforms	USP
Heavy Metals	≤10 ppm	Conforms	AAS
Lead(Pb)	≤3 ppm	Conforms	AAS
Arsenic(As)	≤2 ppm	Conforms	AAS
Cadmium(Cd)	≤1 ppm	Conforms	AAS
Mercury(Hg)	≤0.1 ppm	Conforms	AAS
Microbiological Data			
Total Plate Count	≤1000 cfu/g	Conforms	USP
Molds and Yeast	≤100 cfu/g	Conforms	USP
E.Coli	Negative	Conforms	USP
Salmonella	Negative	Conforms	USP
Addition Data			
Non Irradiation	≤700	Conforms	EN 13751:2002<PSL
Packing	25kg/drum.		
Storage	Store in a cool dry place, avoiding sunlight directly.		
Shelf Life	24 months under the conditions above and in its original packing.		

Analyzed by Quality Assurance Center Lab. Dept. of Jianhe Biotech Co., Ltd

