



Technical Data sheet

Product Name: Rutin Extract

Botanical source: *Sophorae Japonica*

Specification: 95%

Grade: Food grade/ Health care grade

Part used: Flower Bud

Appearance: Yellow or greenish yellow needle crystal powder

Test method: Titriton



Technical specification:

ANALYSIS	SPECIFICATION
Assay (on dry basis by Titriton)	≥ 95%
Identification	IR absorbance
Appearance	Yellow or greenish yellow needle crystal powder
Odor/Taste	Odorless and tasteless
Particle size	95% through 80 mesh
Residue on Ignition	≤7.5-9.5%
Loss on Drying	≤0.1%
Solubility	Practically insoluble in water,soluble in methanol,sparingly soluble in ethanol(96%), practically insoluble in methylene chloride.it dissolves in solubel of alkali hydroxides.
Solvent Residue (Methanol)	≤3000ppm
Light absorbing impurities	≤0.10 between 450 and 800nm
Substance insoluble in methanol	≤3.0%
Related substances	
Isoquercitroside	≤2.0%
Kaempferol 3-Rutinoside	≤2.0%
Quercetin	≤2.0%
Total impurity	≤4.0%



Heavy Metals	
Heavy Metals	≤10ppm
Pb	≤3ppm
As	≤1ppm
Cd	≤1ppm
Hg	≤0.1ppm
Microbiological	
Total Plate Count	≤10000cfu/g
Yeast & Mold	≤1000cfu/g
E.Coli	Negative
Salmonella	Negative
Staphylococcus	Negative

Packaging Details:

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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