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Specification Sheet

Product Name	RUTIN	**CAS#**	**250249-75-3**
Solvent Used	Ethanol & Water	**Part Used**	Flower

ANALYSIS	**SPECIFICATION**	**TEST METHODS**
Assay (Rutin)	NLT 95.0% by UV	UV
Characters/Appearance	Yellowish Powder	Visual
Mesh Size	95% pass 80 mesh	80 Mesh Screen
Loss on drying	NMT 7.0%	1g/105℃/2hrs
Ash	NMT 5.0%	-
Red Pigment	NMT 0.004%	-
Green Pigment	NMT 0.004%	-
Quercetin	NMT 3.0%	HPLC
Isoquercitin	NMT 3.5%	HPLC
Heavy Metals	NMT10ppm	Colorimetry
Arsenic(As)	NMT2ppm	ICP-MS
Lead(Pb)	NMT2ppm	ICP-MS
Mercury (Hg)	NMT 1ppm	ICP-MS
Cadmium (Cd)	NMT 1ppm	ICP-MS
Pesticides	NMT 0.5%	GC
Microbiology Control		
Total Plate Count	NMT1,000cfu/g	CP2005
Total Yeast & Mold	NMT100cfu/g	CP2005
E. Coli	Negative	CP2005
Salmonella	Negative	CP2005
Staphylococcus	Negative	CP2005
Irradiation	Negative	-
Storage	Store in a well-closed container at dry place, away from direct sunlight.	
Packing	25 kg card board drums	

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____

Abdullah Malik (QA)