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SPECIFICATION SHEET Rutin, Non-Irradiated

Item Code: 018NI

Country of Origin: China

Part Used: Flower Bud
Botanical Name: *Styphnolobium japonicum (L.)*

TEST ITEMS	SPECIFICATIONS	TEST RESULTS	TEST METHODS
Appearance	Greenish yellow powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Identification	Must be positive	Positive	Infrared Absorption
Quercetin	≤5.0%	2.0%	HPLC
Melamine	Negative	Complies	
Ash	≤0.5%	0.3%	/
Loss on drying	5.5-9.0%	6.4%	/
Assay by UV	95.0 – 101.5%	95.8%	UV
Heavy metals	≤10 ppm	<10 ppm	AAS
Arsenic (As)	≤1 ppm	<1 ppm	AAS
Cadmium (Cd)	≤1 ppm	<1 ppm	AAS
Lead	≤2 ppm	<2 ppm	AAS
Mercury	≤1 ppm	<1 ppm	AAS
Microbiology:			
Total aerobic plate count	≤10,000 cfu/g	Complies	
Yeast & Mold	≤1,000 cfu/g	Complies	
Salmonella	Negative	Negative	
E. coli	Negative	Negative	

Residual Solvents Meets the requirements of USP

Pesticide Screen Meets the requirements of USP

*This product is GMO/BSE Free and is Non-Irradiated

Storage: Store in tight containers in ambient temperatures

Conclusion: Conforms to NF standards

Packing: In drums of 25 kgs