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Product Data Sheet		
Product name: Diosmin Micronized		AC Code: AC03073a
1. Technical Data Sheet		
CAS number	520-27-4	
Compliance (Food/ Pharmacopoeia /FCC/Feed)	Food/Pharmacopoeia (EP10.0)	
Source (animal, plant, mineral, petrochemical)	Plant	
Item	Standard	Analysis Method
Appearance	Greyish-yellow or Light yellow hygroscopic powder	Visual
Typical Analysis		
Identification	Must positive	IR/HPLC
Solubility	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.	Visual
Iodine	≤0.1%	Potentiostat
Related substances (Impurity By HPLC)		
A: acetoisovanillone	≤0.5 %	HPLC
B: hesperidin	≤4.0 %	HPLC
C: isorhoifolin	≤3.0 %	HPLC
D:6-iododiosmin	≤0.6%	HPLC
E: linarin	≤3.0 %	HPLC
F: diosmetin	≤2.0 %	HPLC
Unspecified impurities	≤0.4%	HPLC
Total impurities	≤8.5 %	HPLC
Residual solvent -Solvent A	≤300ppm	HPGC
Sulfated ash	≤0.2%	EP10.0
Water	≤6.0%	Karl Fischer
Particle size	≥95% pass through 5 micron	Laser Particle Analyzer
Assay by HPLC	90.0% –102.0%	HPLC
Microorganism		
Total Plate Count	≤1000cfu/g	EP10.0
Yeast and Mold	≤100cfu/g	EP10.0
Escherichia Coli	Negative/10g	EP10.0
Salmonella	Negative /25g	EP10.0
Coliforms	≤10 cfu/g	EP10.0
Package	Packed In 25kgs/Drum	
Shelf life	3 Year When Properly Stored	
Storage	In Tight, Light-resistant and Dry Place. Avoid Direct Sunshine.	



Ingredients4u PTE. LTD.

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