

## SPECIFICATION

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<b>Product name: Diosmin Powder</b>			
Origin	China	CAS number	520-27-4
<b>Item</b>	<b>Standard</b>	<b>Analysis Method</b>	
Appearance	Greyish-yellow or Light yellow hygroscopic powder	Visual	
<b>Typical Analysis</b>			
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: acetovanillone	≤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	
Sulfated ash	≤0.2%	EP10.0	
Water	≤6.0%	Karl Fischer	
Particle size	≥95% pass through 80 mesh	Particle Analyzer	
Assay by HPLC	90.0% —102.0%	HPLC	
<b>Microorganism</b>			
Total Plate Count	≤1000cfu/g	EP10.0	
Yeast and Mold	≤100cfu/g	EP10.0	
E.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.		