



SPECIFICATION

Created Date 2023.3.17 Review Date 2023.3.17 Review By: Grace Version No:02

Product name: Diosmin Powder			
Origin	China	CAS number	520-27-4
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
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
Microorganism			
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.		