

CERTIFICATE OF ANALYSIS

Product Name	Diosmin Powder	Batch No.	20241012
Origin	China	CAS number	520-27-4
Manufacture Date	12/10/2024	Expiry Date	11/10/2027
Item	Standard	Result	Analysis Method
Appearance	Greyish-yellow or light yellow hygroscopic powder		Visual
Typical Analysis			
Identification	Must positive	Positive	IR / HPLC
Solubility	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.	Complies	Visual
Iodine	≤0.1%	< 0.1%	Potentiostat
Related substances (Impurity By HPLC)			
A: acetosovanillone	≤0.5 %	0.07%	HPLC
B: hesperidin	≤4.0 %	0.67%	HPLC
C: isorhoifolin	≤3.0 %	1.80%	HPLC
D:6-iododiosmin	≤0.6%	0.51%	HPLC
E: linarin	≤3.0 %	2.10%	HPLC
F: diosmetin	≤2.0 %	0.47%	HPLC
Unspecified impurities	≤0.4%	0.33%	HPLC
Total impurities	≤8.5 %	6.34%	HPLC
Sulfated ash	≤0.2%	0.08%	EP10.0
Water	≤6.0%	2.07%	Karl Fischer
Particle size	≥95% pass through 80 mesh	Complies	CP2020
Assay by HPLC	90.0% —102.0%	93.41%	HPLC
Microorganism			
Total Plate Count	≤1000cfu/g	< 10cfu/g	EP10.0
Yeast and Mold	≤100cfu/g	< 10cfu/g	EP10.0
E.Coli	Negative/10g	Negative	EP10.0
Salmonella	Negative /25g	Negative	EP10.0
Coliforms	≤10cfu/g	< 10cfu/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.		

Analyst: Yanan Zhang

Inspect: Qingyu Zhao

Q.C Hongyu Zhang

INGREDIENTS4U PTE. LTD.
QUALITY DEPARTMENT

 Authorized Signature(s)