

CERTIFICATE OF ANALYSIS

Product Name: Diosmin Micronized			
Batch No.	20260302	CAS number	520-27-4
Manufacture Date	2026-03-02	Expiry Date	2029-03-01

Item	Standard	Result	Analysis Method
Appearance	Grey yellow to brownish yellow	Complies	Visual
Particle size	≥95% pass through 5 micron	Complies	Screening
Solubility	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.	Complies	Visual

Typical Analysis

Identification	Must positive	Positive	HPLC
Assay by HPLC	90.0% — 102.0%	93.40%	HPLC
Iodine	≤0.1%	< 0.1%	Potentiostat
Related substances (Impurity By HPLC)			
A: acetoisovanillone	≤0.5 %	0.04%	HPLC
B: hesperidin	≤4.0 %	1.11%	HPLC
C: isorhoifolin	≤3.0 %	1.02%	HPLC
D: 6-iododiosmin	≤0.6%	0.38%	HPLC
E: linarin	≤3.0 %	1.41%	HPLC
F: diosmetin	≤2.0 %	0.45%	HPLC
Unspecified impurities	≤0.4%	0.21%	HPLC
Total impurities	≤8.5 %	5.02%	HPLC
Sulfated ash	≤0.2%	0.03%	EP11.0
Water	≤6.0%	3.12%	Karl Fischer

Microorganism

Total Plate Count	≤1000 cfu/g	< 10 cfu/g	EP11.0
Yeast and Mold	≤100 cfu/g	< 10 cfu/g	EP11.0
E.Coli	Negative/10g	Negative	EP11.0
Salmonella	Negative /25g	Negative	EP11.0

Conclusion Conform with EP11.0

Sterilization No Irradiation and ETO

Statement Free of pyridine and acetic acid

Package Packed In 25kgs/Drum

Shelf life 3 Year When Properly Stored

Storage In Tight, Light-resistant and Dry Place. Avoid Direct Sunshine.