

Diosmin

Flavonoid glycoside raw material for qualified formulation and analytical development.

CAS 520-27-4	EC 208-289-7	Transport Non-dangerous goods; reference solid
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Product Information

Diosmin is the rutinoside of diosmetin. The supplied grade sheet lists an assay range of 90–102%, together with related-impurity, drying, ash and microbiological limits. This assay range is retained rather than converted into an invented minimum purity.

Specifications

Parameter	Specification
Appearance	Grayish-yellow to light-yellow powder
Assay	90–102 %
Impurity A plus other impurities	≤1.0 %
Loss on drying	≤6.0 %
Sulfated ash	≤0.2 %
Heavy metals	≤20 ppm
Total plate count	≤10,000 CFU/g
Yeasts and molds	≤100 CFU/g

Typical Properties

Property	Typical Value
Molecular formula (component)	C ₂₈ H ₃₂ O ₁₅
Molecular weight (component)	608.55 g/mol

Applications

Formulation raw material: Assess diosmin as a flavonoid glycoside ingredient in professionally qualified formulations.

Analytical development: Use representative material to develop identification, assay and related-impurity methods.

Incoming-material qualification: Compare assay, drying, ash and microbial limits against the purchasing specification.

Packaging / Storage

Item	Information
Packaging	25 kg cardboard drums with suitable sealed inner packaging.
Storage	Keep tightly closed in a cool, dry, ventilated place. Protect from contamination and strong oxidizing agents.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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