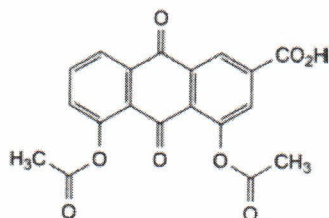


## Diacerein EP8.0

Batch no 20241011  
 Mf date Oct 11 2024  
 Retest Oct 11 2026

### Molecular Structure



Molecular Formula  $C_{19}H_{12}O_8$   
 Molecular Weight 368.3  
 CAS Registry Number 13739-02-1

Dec 09 2024

Tests	Specifications	Results
Appearance	Yellow crystalline powder	Conforms
Solubility	Practically insoluble in water, soluble in dimethylacetamide, slightly soluble in tetrahydrofuran practically insoluble in anhydrous ethanol	Conforms
Identification	IR	Positive
Loss on drying	≤ 0.5%	0.14%
Sulfated ash	≤ 0.1%	0.03%
Chromium, Cr	≤ 10 ppm	1.16 ppm
Impurities B&H	≤ 15 ppm	Conforms
Related substances	Impurity C ≤ 0.2%	0.12%
	Impurity D ≤ 0.5%	0.29%
	Impurity E ≤ 0.2%	0.16%
	Impurity F ≤ 0.15%	0.13%
	Individual unspecified impurity ≤ 0.1%	0.07%
	Total impurities ≤ 2.0%	1.05%
Solvents residue	Ethanol ≤ 5000 ppm	3400 ppm
Bulk density	40 ~ 60 g/100 mL	57 g/100 mL
Particle size	100% pass 80 mesh	Conforms
Assay (odb)	98.0 ~ 102.0% of $C_{19}H_{12}O_8$	99.0%

Packaging and storage	In an airtight container, protected from light
Conclusion	Material complies with EP8.0