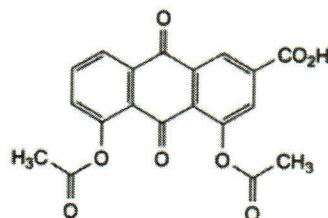


Diacerein EP8.0

Batch no 20251111
Mf date Nov 11 2025
Retest Nov 11 2027

Molecular Structure



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

Dec 03 2025

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	$\leq 0.5\%$	0.15%
Sulfated ash	$\leq 0.1\%$	0.04%
Chromium, Cr	≤ 10 ppm	1.14 ppm
Impurities B&H	≤ 15 ppm	Conforms
Related substances	Impurity C	$\leq 0.2\%$ 0.12%
	Impurity D	$\leq 0.5\%$ 0.28%
	Impurity E	$\leq 0.2\%$ 0.16%
	Impurity F	$\leq 0.15\%$ 0.12%
	Individual unspecified impurity	$\leq 0.1\%$ 0.28%
	Total impurities	$\leq 2.0\%$ 1.08%
	Ethanol	≤ 5000 ppm 3600 ppm
Solvents residue		
Bulk density	40 ~ 60 g/100 mL	56 g/100 mL
Particle size	100% pass 80 mesh	Conforms
Assay (odb)	98.0 ~ 102.0% of $C_{19}H_{12}O_8$	98.9%

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