

QUALITY SPECIFICATION

Shikimic acid

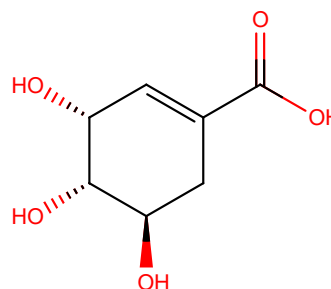
Catalog No.: NST-10-116

CAS No.: 138-59-0

Molecular formula: C₇H₁₀O₅

MW: 174.15

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Off-white	Visual
3.	Identification	Conforms with the standard	TLC & NMR
4.	Loss on drying	≤5.0 %	USP <731>
5.	Residue on ignition	≤2.0 %	USP <281>
6.	Purity	≥98.0%	HPLC
7.	Heavy Metals	≤10 ppm	ICP-MS
8.	Lead	≤2 ppm	ICP-MS
9.	Arsenic	≤1 ppm	ICP-MS
10.	Mercury	≤0.1 ppm	ICP-MS
11.	Cadmium	≤1 ppm	ICP-MS

Storage: Store in a cool and dry place, keep away from heat and strong light

Stability: 24 months when properly stored