

QUALITY SPECIFICATION

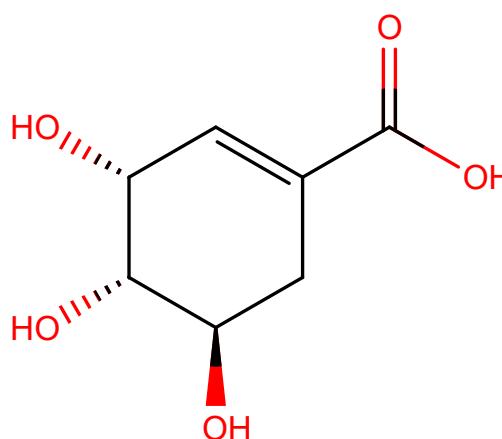
Shikimic acid

Catalog No.: NST-10-116

CAS No.: 138-59-0

Molecular formula: C₇H₁₀O₅

MW: 174.15



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White to off-white	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥ 98.0 %	HPLC
5.	Odor	Odorless	Organoleptic
6.	Melting point	183°C -187°C	Melting point apparatus
7.	Sulfated ash	≤ 0.5 %	In house
8.	Loss on drying	≤ 2.0 %	In house
9.	Particle size	100% pass 80 mesh	80 mesh
10.	Specific rotation	-175° to -185°	Polarimeter

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored