

QUALITY SPECIFICATION

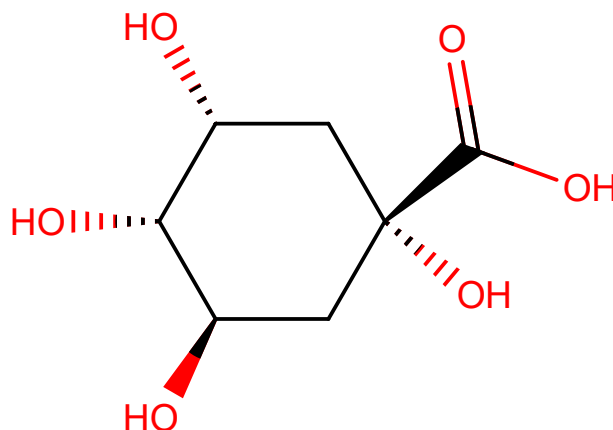
Quinic acid

Catalog No.: NST-10-224

CAS No.: 77-95-2

Molecular formula: $C_7H_{12}O_6$

MW: 192.17



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Purity	≥98.0%	HPLC-ELSD
4.	Odor	Characteristic	Organoleptic
5.	Taste	Characteristic	Organoleptic
6.	Sulfated ash	≤0.8 %	In house
7.	Loss on drying	≤1.0 %	In house
8.	Specific rotation	-42° to -45°	Polarimeter
9.	Heavy Metals	≤10 ppm	ICP-MS
10.	Lead	≤2 ppm	ICP-MS
11.	Arsenic	≤1 ppm	ICP-MS
12.	Mercury	≤0.1 ppm	ICP-MS
13.	Cadmium	≤1 ppm	ICP-MS

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

Stability: 24 months when properly stored