

QUALITY SPECIFICATION

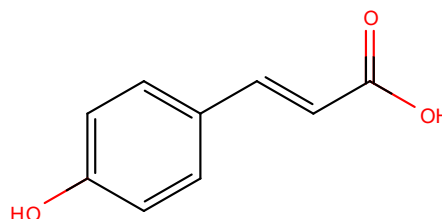
4-Hydroxycinnamic Acid

Catalog No.: NST-10-99

CAS No.: 501-98-4

Molecular formula: C₉H₈O₃

MW: 164.16



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Off-white to white	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥ 98.0 %	HPLC
5.	Sulfated ash	≤ 0.2 %	In house
6.	Loss on drying	≤ 2.0 %	In house
7.	Melting point	210°C-213°C	Melting point apparatus
8.	As (mg/kg)	≤ 0.5	AAS
9.	Pb (mg/kg)	≤ 1.0	AAS

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

Stability: 24 months when properly stored