

QUALITY SPECIFICATION

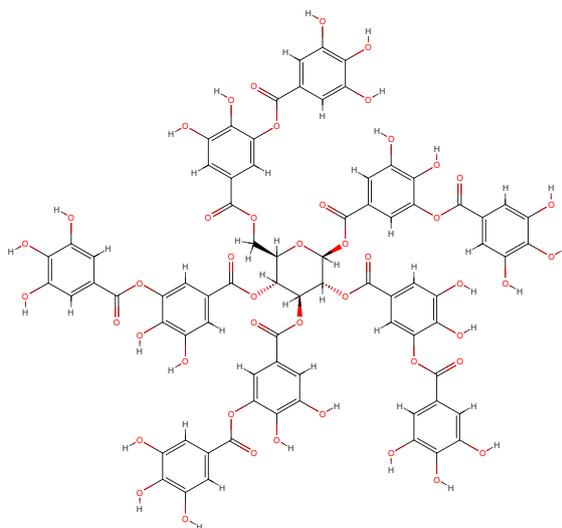
Tannic acid

Catalog No.: NST-10-143

CAS No.: 1401-55-4

Molecular formula: C₇₆H₅₂O₄₆

MW: 1701.19



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Light brown	Visual
3.	Assay	≥98.0 %	HPLC
4.	Sulphate ash	≤1.0 %	Ph. Eur. 2.4.14
5.	Loss on drying	≤9.0 %	Ph. Eur. 2.2.32
6.	Solvent Residues (ethyl acetate)	≤25 ppm	Ph. Eur. 2.4.24
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 strong light and heat.

Stability: 24 months when properly stored