

QUALITY SPECIFICATION

Chlorogenic acid

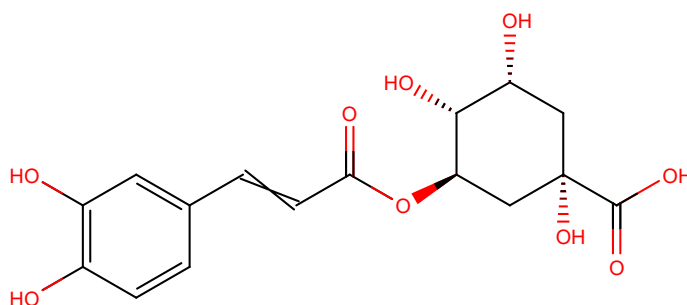
Catalog No.: NST-10-109

CAS No.: 327-97-9

Molecular formula: C₁₆H₁₈O₉

MW: 354.31

Source: *Eucommia ulmoides* Oliver



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Purity	≥ 98.0 %	HPLC
4.	Odor	Characteristic	Organoleptic
5.	Taste	Characteristic	Organoleptic
6.	Sulfated ash	≤ 2.0 %	In house
7.	Loss on drying	≤ 5.0 %	In house
8.	Mesh size/sieve	NLT 95% pass 80 mesh	80 mesh
9.	Bulk density	NMT 0.8 g/ml	In house
10.	Heavy Metals	≤10 ppm	ICP-MS
11.	Lead	≤2 ppm	ICP-MS
12.	Arsenic	≤1 ppm	ICP-MS
13.	Mercury	≤0.1 ppm	ICP-MS
14.	Cadmium	≤1 ppm	ICP-MS
15.	TPC	Not more than 10 ³ CFU/g	ISO 6579:2002

16.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002
17.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
18.	<i>Salmonella</i>	Absent	ISO 6579:2002
19.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

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

Stability: 24 months when properly stored