

QUALITY SPECIFICATION

Oleuropein

Catalog No.: NST-10-54

CAS No.: 32619-42-4

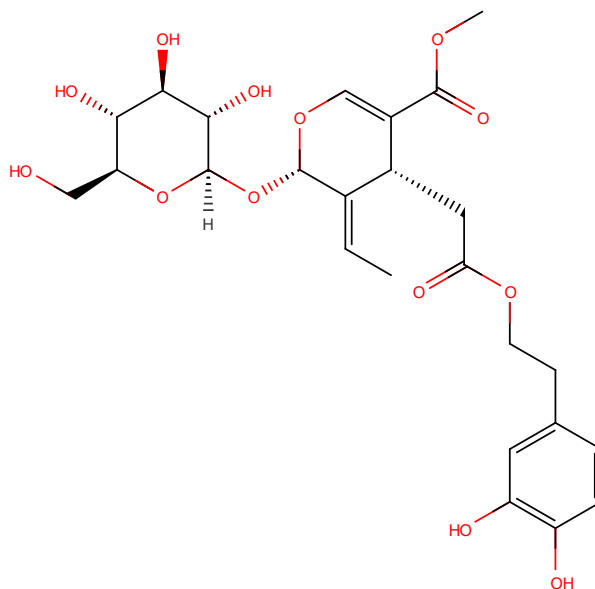
Molecular formula: $C_{25}H_{32}O_{13}$

MW: 540.51

Botanical name: *Olea europaea* L.

Part used: leaf

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Light yellow	Visual
3.	Identification	Conforms	TLC
4.	Assay	≥70.0 %	HPLC
5.	Odor	Characteristic	Organoleptic
6.	Taste	Characteristic	Organoleptic
7.	Mesh size/sieve	≥95 % pass 80 mesh	80 mesh
8.	Bulk density	≤0.8 g/ml	Density meter
9.	Ashes	≤5.0 %	2g/525°C/3h
10.	Loss on drying	≤5.0 %	5g/105°C/2h
11.	Heavy Metals	≤10 ppm	ICP-MS
12.	Lead	≤2 ppm	ICP-MS

13.	Arsenic	≤ 1 ppm	ICP-MS
14.	Mercury	≤ 0.1 ppm	ICP-MS
15.	Cadmium	≤ 1 ppm	ICP-MS
16.	TPC	$< 10^3$ CFU/g	AOAC, BAM
17.	TYMC	$< 10^2$ CFU/g	AOAC, BAM
18.	<i>Escherichia Coli</i>	Absent	AOAC, BAM
19.	<i>Salmonella</i>	Absent	AOAC, BAM
20.	<i>Staphylococcus aureus</i>	Absent	AOAC, BAM

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored