

QUALITY SPECIFICATION

Hydroxytyrosol

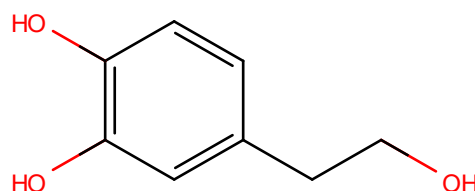
Catalog No.: NST-10-16

CAS No.: 10597-60-1

Molecular formula: $C_8H_{10}O_3$

MW: 154.16

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Paste liquid	Visual
2.	Identification	Positive	TLC & NMR
3.	Color	Light yellow	Visual
4.	Odor	Characteristic	Organoleptic
5.	Taste	Slightly bitter	Organoleptic
6.	Water	$\leq 5.0 \%$	KF
7.	Assay (on dried basis)	$\geq 98.0\%$	HPLC
8.	Heavy Metals	≤ 10 ppm	ICP-MS
9.	Lead	≤ 2 ppm	ICP-MS
10.	Arsenic	≤ 1 ppm	ICP-MS
11.	Mercury	≤ 0.1 ppm	ICP-MS
12.	Cadmium	≤ 1 ppm	ICP-MS

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

Stability: 24 months when properly stored