NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Hydroxytyrosol

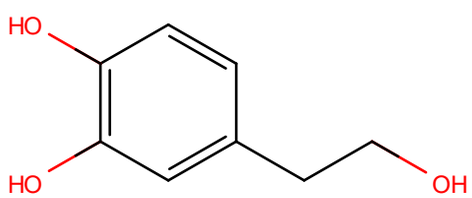
LOT EX0478

Catalog No.: NST-10-16

CAS No.: 10597-60-1

Molecular formula: $C_8H_{10}O_3$

MW: 154.16



Manufacturing date: 27.02.2026

Analysis date: 02.03.2026

Shelf life: 24 months

No.	Parameter	Specification	Results	Method
1.	Appearance	Paste liquid	Conforms	Visual
2.	Identification	Positive	Conforms	TLC & NMR
3.	Color	Light yellow	Conforms	Visual
4.	Odor	Characteristic	Conforms	Organoleptic
5.	Taste	Slightly bitter	Conforms	Organoleptic
6.	Water	≤5.0 %	1.74 %	KF
7.	Assay (on dried basis)	≥98.0%	98.91 %	HPLC
8.	Heavy Metals	≤10 ppm	Conforms	ICP-MS
9.	Lead	≤2 ppm	Conforms	ICP-MS
10.	Arsenic	≤1 ppm	Conforms	ICP-MS
11.	Mercury	≤0.1 ppm	Conforms	ICP-MS
12.	Cadmium	≤1 ppm	Conforms	ICP-MS

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

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 02.03.2026

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.