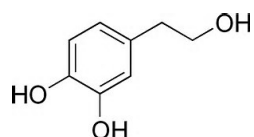




Hydroxytyrosol natural

INCI name:

Hydroxytyrosol



Trade name:

Hydroxytyrosol natural

Chemical name:

3,4-Dihydroxyphenethylalcohol

$C_8H_{10}O_3$

Molecular weight:

154,15 g/mol

CAS-No.:

10597-60-1

Application:

Cosmetic

Packaging:

in drums

Filling Quantity:

20 kg/drum

Shelf life:

up to 1 year, not opened

Storage conditions:

dry, room temperature,
avoid direct sunlight

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Product Specification

Hydroxytyrosol natural

Test	Specification
Appearance	yellowish liquid
Assay Hydroxytyrosol	>99 % HPLC
Arsenic (As)	< 3 ppm AAS
Heavy metals	< 10 ppm AAS
Solubility	Water, Butanol, Ethanol, Aceton, Pyridine and Ethylacetate
Not soluble	Ether, Petrolether, Chloroform, ...

Our product is manufactured from Olive fruits and leaves and we recommend the usage in cosmetic products as well in nutrition supplements.

Properties and applications:

Hydroxytyrosol (HT) is a phytochemical substance and is belonging to the group of Phenolic acids. In this chemical group you may find also the Stilbenes (Resveratrol), Ellagic Tannine of the pomme granate fruit, etc...

HT shows a very high antioxidative power. Depending on the test method the power is 100 fold higher than Vitamin C and 10 fold higher than Resveratrol. Hydroxytyrosol was detected in the Olive fruit and leaves. Because of the good solubility in water the substance was found in the plant water and only less concentrated in the plant oil. Basically all plants are producing substances with a protection function against parasites and bacteria. These polyphenols have a number of different impacts concerning cardio vascular diseases and also the formation of tumors is reduced when preventive used.