

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Olive Hydroxytyrosol
INCI Name: Olea Europaea (Olive) Fruit Extract (and) Citric Acid
CAS Number: 84012-27-1, 77-92-9, 5949-29-1
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Property	Specification	Analysis
Appearance (Organoleptic)	Aqueous liquid	Conforms
Color (Organoleptic)	Yellow gold to amber	Conforms
Odour (Organoleptic)	Woody, port wine	Conforms
pH (pH meter)	3.0 - 3.5	3.19
Refractive Index (20° C) (Refractometer)	1.415 - 1.435	1.434
Viscosity (100 Hz, 25° C) (Rheometer)	10.0 - 16.0 mPa*s	15 mPa*s
Hydroxytyrosol (HPLC-DAD)	9.0 - 11.0% w/w	9.5 ± 0.06% w/w
Tyrosol (HPLC-DAD)	1.0 - 3.0% w/w	3.0 ± 0.02% w/w
Aerobic mesophilic bacteria (ISO 21149 (L110))	< 100 CFU/g	< 10 CFU/g
Yeast and Mold (ISO 16212 (L111))	< 100 CFU/g	< 10 CFU/g
Specific microorganisms* (ISO 18415 (L116))	Absence in 1g	Conforms
Aflatoxins (LC-MS/MS)	≤ 0.5 µg/kg	< 0.5 µg/kg

*P.aeruginosa, S.aureus, C. Albicans, E. Coli.

The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed. All data are as per our supplier.

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