

TECHNICAL DATA SHEET

SOLID

SAMPLE CODE: A210.1

Formulation: Solid from olive pomace post-aqueous extraction.

Batch: 12022026

Date: 12/02/2026

Appearance: Dark brown granulated solid

Hydroxytyrosol Concentration: 1.81 mg/g solid

Tyrosol Concentration: 0.64 mg/g solid

Mass: 86 g

Moisture Content: 34.6%

TPC* (Folin-Ciocalteu Test): 1.30 %

Germination Index: 91%**.

***In vitro* germination studies show that the species *Lepidium sativum* (garden cress) presents a germination index of 91% when applying an extract of the solid (obtained via ultrasound-assisted extraction) with concentrations of 57.36 mg/L of hydroxytyrosol and 18.12 mg/L of tyrosol.

Trace and Macronutrients*:

Element	Symbol	Concentration (ppm)	Function/ Note
Copper	Cu	10.13	Defense inducer and photosynthesis
Nickel	Ni	0.80	Cofactor of the urease enzyme

Elemental Analysis*:

Element	Concentration (%)
Carbon	34.70
Total Nitrogen	0.7

Heavy Metals*:

Element	Symbol	Concentration (ppm)	Status / Note
Lead	Pb	0.08	Detected (Very low level)
Arsenic	As	0.06	Detected (Insignificant level)
Mercury	Hg	<0.060	Not detected (Limit of Quantification)
Cadmium	Cd	<0.006	Not detected (Limit of Quantification)

Expiration Date: Studies currently in progress.

Storage Instructions: No special conditions required.