

Product Specifications & Technical Analysis

Product Name: Olea25[®] Hydroxytyrosol 25% Powder

Description: Olive Leaf Extract

Raw Material: Organic Olive Leaf (Olea Europaea)

Grade: Food for Human Consumption

Shelf Life: 2 Years

Item	Specification	Method
Hydroxytyrosol (dry basis)	≥ 25%	Chromadex/HPLC
Identification (ID)	HPLC Print	HPLC
ID-Compare to Type	Positive	HPLC
Particle Size	90% thru 80 mesh	US mesh sieve meter
Loss on Drying	≤ 5.00%	CP2010 & USP34<731>
Total Ash	≤ 5.00%	CP2010 & USP34<281>
Heavy Metals	≤ 10.00 ppm	CP2010 & USP34<231>
Arsenic (As)	≤ 2.0 ppm	CP2010 & USP34<211>
Lead (Pb)	≤ 2.0 ppm	CP2010 & USP34<251>
Cadmium (Cd)	≤ 0.5 ppm	CP2010 & USP34<251>
Mercury (Hg)	≤ 0.5 ppm	CP2010 & USP34<261>
Pesticides	USP Standard	CP2010 & USP34<561>
Solvent Residue	≤ 0.5%	CP2010 & USP34<467>
Microbiology		
Standard Plate Count	< 1,000 cfu/g	CP2010 & USP34<62>
Yeast, Mold & Fungi	< 100 cfu/g	CP2010 & USP34<62>
Staphylococcus	Negative	CP2010 & USP34<62>
Salmonella	Negative	CP2010 & USP34<62>
E. Coli	Negative	CP2010 & USP34<62>
Manufacture Profile		
Solvents and % Used	Ethanol & Water	Routine analysis
% Range Excipients/Carriers	None	GMP Standard
Ratio Herb/Native Extract	100:1	GMP Standard
Extraction Process	Grain Alcohol & Water Extraction	GMP Standard
Drying Fashion	Vacuum Drying	GMP Standard
Physical		
Appearance	Brown yellow powder	Visual
Odor & taste	Characteristic	Olfactory

Packaging: 5kg foil bag

Storage: Store in well-closed container at room temperature, protect from light, moisture, and pest infestation.

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