



CERTIFICATE OF ANALYSIS (COA)

OLIVE OIL (RİVİERA ZEYTİNYAĞI)

Product Category
Brand

Olive Oil

Parameter	Specification Limit	Analysis Value	Result
Free Acidity (oleic acid)(% m/m)	≤ 1	0,2	✓
Peroxide Value(meq O2/kg)	≤ 15	2,3	✓
Moisture and Volatile Matter(% m/m)	≤ 0,2	0,12	✓
ECN 42	≤ 0,3	0,15	✓
Wax Content (C40+C42+C44+C46)(mg/kg)	≤ 350	280	✓
UV Absorbance			
E 270 nm	≤ 1,15	0,9	✓
E 232 nm	-	2,2	✓
ΔE	≤ 0,15	0,09	✓

Fatty acid composition (Total Methyl esters) (%m/m)	Specification Limit	Analysis Value	Result
Myristic Acid (C14:0)	≤ 0,03	0,02	✓
Palmitic Acid(C16:0)	7,50-20,00	13,13	✓
Palmitoleic Acid(C16:1)	0,30-3,50	1,12	✓
Heptadecanoic Acid (C17:0)	≤ 0,30	0,16	✓
Heptadecenoic Acid (C17:1)	≤ 0,30	0,19	✓
Stearic Acid (C18:0)	0,50-5,00	3,30	✓
Oleic Acid(C18:1)	55,00-83,00	70,46	✓
Linoleic Acid (C18:2)	3,50-21,00	9,96	✓
Linolenic Acid(C18:3)	≤ 1,00	0,76	✓
Arachidic Acid (C20:0)	≤ 0,60	0,37	✓
Gadoleic/Eicosenoic Acid (C20:1)	≤ 0,40	0,39	✓
Behenic Acid (C22:0)	≤ 0,20	0,07	✓
Lignoceric Acid (C24:0)	≤ 0,20	0,00	✓
Trans Fatty Acids (Total Methyl Esters)(%m/m)			
T C18:1	≤ 0,20	0,00	✓
T C18:2 + C18:3	≤ 0,30	0,00	✓

Sterol Composition (% total sterols)	Specification Limit	Analysis Value	Result
Cholesterol	≤ 0,5	0,16	✓
Brassicasterol	≤ 0,1	0,04	✓
Campesterol	≤ 4,0	3,00	✓
Stigmasterol	< Campesterol	1,30	✓
Δ-7 Stigmastenol	≤ 0,5	0,50	✓
Σ Beta-Sitosterol	≥ 93,0	93,20	✓
Σ Sterol (mg/kg)	≥ 1000	1568,00	✓
Erythrodiol + Uvaol(% Σ Sterols)	≤ 4,5	2,80	✓

The product complies with the specified limits.

Approved by Quality Control Supervisor