

CERTIFICATE OF ANALYSIS: 23520

Personal Data		Sample Data	
Company:	NGS (SOLEA) ESTATES LIMITED	Sample:	Extra Virgin Olive Oil
First Name last Name:	Nicholas Schizas	Sample Code:	23520
Address:	87 Markou Dragou Avenue	Date of Receipt:	01/10/2025
Tel:	+357 99 865 335	Date of Analysis:	01/10/2025 – 07/10/2025
email:	nschizas@oleaphen.com	Condition of Sample:	Acceptable
		Sampling Responsible:	Client
		Description:	Sealed bottle 20250922 Oleaphen High Potency Phenolic EVOO

Determination	Units	Result	Limit ¹	Method of Analysis
Acidity	% w/w oleic acid	0.23	M 0.8	COI/T.20/Doc. No 34
Absorbance in UV				
K ₂₇₀	-	0.213	M 0.22	COI/T.20/Doc. No 19
K ₂₃₂	-	2.347	M 2.50	COI/T.20/Doc. No 19
ΔK	-	-0.004	M 0.01	COI/T.20/Doc. No 19
Peroxide Value	meq O ₂ /kg	6.2	M 20	COI/T.20/Doc. No 35
Fatty Acids				
C14:0 (MYRISTIC)	%	0.02	M 0.03	COI/T.20/Doc. No 33
C16:0 (PALMITIC)	%	13.35	7.0-20.0	COI/T.20/Doc. No 33
C16:1 (PALMITOLEIC)	%	0.93	0.3-3.5	COI/T.20/Doc. No 33
C17:0 (HEPTADECANOIC)	%	0.27	≤ 0.4	COI/T.20/Doc. No 33
C17:1 (HEPTADECENOIC)	%	0.46	≤ 0.6	COI/T.20/Doc. No 33
C18:0 (STEARIC)	%	2.48	0.5-5.0	COI/T.20/Doc. No 33
C18:1 (OLEIC)	%	72.43	55.0-85.0	COI/T.20/Doc. No 33
C18:2 (LINOLEIC)	%	7.89	2.5-21.0	COI/T.20/Doc. No 33
C18:3 (LINOLENIC)	%	1.18	M 1.0	COI/T.20/Doc. No 33
C20:0 (ARACHIDIC)	%	0.45	M 0.6	COI/T.20/Doc. No 33
C20:1 (EICOSENOIC)	%	0.33	M 0.5	COI/T.20/Doc. No 33
C22:0 (BEHENIC)	%	0.12	M 0.2	COI/T.20/Doc. No 33
C22:1 (ERUCIC)	%	0.00	-	COI/T.20/Doc. No 33
C24:0 (LIGNOCERIC)	%	0.09	M 0.2	COI/T.20/Doc. No 33
trans C18:1	%	0.009	M 0.05	COI/T.20/Doc. No 33
trans C18:2+ C18:3	%	0.011	M 0.05	COI/T.20/Doc. No 33
1,2 Diglycerides	%	95.9	-	COI /T.20/Doc. No 32
1,3 Diglycerides	%	4.1	-	COI /T.20/Doc. No 32
Ratio of 1,2/1,3 Diglycerides	-	23.33	-	COI /T.20/Doc. No 32
Unsaponifiable matter	g/kg	11.2	M 15.0 ²	AOCS Ca 6b-53*
Squalene	mg/100gr	646.9	-	GC-FID *

¹ Analytical data within limits of E.U. regulations 2022/2104 & 2022/2105 for Extra Virgin Olive Oil as amended and valid. (M: Maximum, m: minimum).

² CODEX STANDARD FOR OLIVE OILS AND OLIVE POMACE OILS. CODEX STAN 33-1981.

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Address: 87 Markou Dragou Avenue
Tel: +357 99 865 335
email: nschizas@oleaphen.com

Sample Data

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Sample Code: 23520
Date of Receipt: 01/10/2025
Date of Analysis: 01/10/2025 – 07/10/2025
Condition of Sample: Acceptable
Sampling Responsible: Client
Description: Sealed bottle 20250922 Oleaphen High Potency Phenolic EVOO

Determination	Units	Result	Limit ¹	Method of Analysis
Sterols	mg/Kg	2370	m 1000	COI/T.20/Doc. No. 26
cholesterol	%	0.09	M 0.5	COI/T.20/Doc. No. 26
brassicasterol	%	0.00	M 0.1	COI/T.20/Doc. No. 26
24-methylcholesterol	%	0.04	-	COI/T.20/Doc. No. 26
campesterol	%	2.19	M 4.0	COI/T.20/Doc. No. 26
campestanol	%	0.03	-	COI/T.20/Doc. No. 26
stigmasterol	%	0.50	< campesterol	COI/T.20/Doc. No. 26
δ7-campestanol	%	0.00	-	COI/T.20/Doc. No. 26
δ5,23-stig/dienol	%	0.00	-	COI/T.20/Doc. No. 26
cleroesterol	%	1.18	-	COI/T.20/Doc. No. 26
β-sitosterol	%	89.28	-	COI/T.20/Doc. No. 26
sitostanol	%	0.35	-	COI/T.20/Doc. No. 26
δ5-avenasterol	%	4.48	-	COI/T.20/Doc. No. 26
δ5,24-stigm/dienol	%	0.81	-	COI/T.20/Doc. No. 26
δ7-stigmastenol	%	0.40	M 0.5	COI/T.20/Doc. No. 26
δ7-avenasterol	%	0.65	-	COI/T.20/Doc. No. 26
erythrodiol+uvaol	%	1.64	M 4.5	COI/T.20/Doc. No. 26
Apparent β-sitosterol	%	96.10	m 93.0	COI/T.20/Doc. No. 26

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