Hellenic Accreditation System

Annex F1/8 to the Certificate No **964**-4

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

CHEM SOLUTIONS

Tested materials and products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
Chemical Tests		
Olive oil – Pomace oil	1. Determination of free fatty acids, cold method	COI/T.20/DOC. 34/Rev. 1 – 2017
	2. Determination of peroxide value	COI/T.20/DOC. 35/Rev. 1 – 2017
	3. Spectrophotometric investigation in the ultraviolet	COI/T.20/DOC. 19/rev. 5/2019
Olive oil – Pomace oil	4. Determination of waxes and methylesters and ethylesters of fatty acids	COI/T.20/Doc. no.28/Rev. 3/2022
	6. Determination of the difference between actual and theoretical content of triacylglycerols with ECN 42	COI/T.20/Doc. Nº 20 /Rev. 4 – 2017
	7. Determination of sterols composition and content and alcoholic compounds	COI/T.20/Doc. no.26/Rev. 5/2020
	8. Determination of methyl esters of fatty acids	COI/T.20/DOC. 33/Rev. 1 – 2017
Olive oil- Vegetable oils	Determination of the composition of 1,2 & 1,3 diacylglycerol by capillary column gas chromatography in vegetable oils	In house method based on COI/T.20/Doc.32, only for the percentage and ratio
Vegetable oils and fats	1. Determination of sterols (TLC & GLC)	In house method based on AOCS Ch 6-91
	2. Determination of fatty acids (GLC)	AOCS Ce 2-66 και Ce 1a-13.

Olive oil	Determination of pesticide residues (213 compounds) 2,4'-DDD, 2,4'-DDE, 2,4'-DDT, 2.3.5.6-tetrachloroaniline, 2-phenylphenol, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, 4,4r-methoxychlor-olefin, Acetochlor, Acrinathrin, Alachlor, Aldrin, Allidochlor, Alpha-Endosulfan, Alpha-HCH, Atrazine, Azaconazole, Azinphos-ethyl, Azinphos-methyl, Benfluralin, Beta-BHC, Beta-Endosulfan, Bifenthrin, Biphenyl, Bromfenviphos-ehtyl, Bromfenviphos-methyl, Bromophos-ethyl, Bromophos-methyl, Bromopropylate, Bupirimate, Captafol, Captan, Carbophenothion, Chlorbensid, Chlorfenapyr, Chlorfenson, Chlorfenvinphos, Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthal, Chlorthiophos, Chlozolinate, cis-Nonachlor, cis-1,2,3,6-tetrahydrophthalimide, cis-Chlordane, cis-Permethrin, Clomazon, Coumaphos, Cycloate, Cyfluthrin, Cypermethrin, Cyproconazole, Cyprodinil, Deltamethrin, Diallate, Diazinon, Dichloran, Dichlorbenil, Dichlorofluanid, Dichlorvos, Diclobutrazol, Dicrotophos, Dieldrin, Difenoconazole, Dimethachlor, Dimethoate, Diniconazole, Diphenamid, Diphenylamine, Disulfoton, Edifenphos, Endosulfan-sulfate, Endosulfan-ether, Endrin, Endrin-ketone, EPN, Epoxiconazole, Ethafluralin, Ethion, Ethoprophos, Etofenprox, Etridiazole, Fenamiphos, Fenarimol, Fenchlorphos, Fenitrothion, Fenpropathrin, Fenson, Fenthion, Fenthion-sulfone, Fenthion-sulfoxide, Fenvalerate, Fipronil, Fluazifop-butyl, Fluchloralin, Flucythrinate , Fludioxonil, Fluquinconazole, Fluridone, Flusilazole, Flutolanil, Flutriafol, Folpet, Fonofos, Heptachlor, Heptachlor-epoxide, Hexanizone, Iodofenphos, Iprodione, Isazofos, Isodrin, Isopropalin, Kresoxim-methyl, Lambda-Cyhalothrin , Lenacil, Leptophos, Lindane, Linuron, Malaoxon, Malathion, Metalachlor-S, Metalaxyl, Metazachlor, Methacrifos, Methidathion, Methimidophos, Methoxychlor, Mevinphos, MGK 264 , Mirex, Myclobutanil, Nitralin, Nitrofen, Norflurazon, Omethoate, o-p-methoxychlor-olefin, Oxadiazon, Oxyfluorfen, p,p'-dichlorobenzophenone, Paclobutrazol, Parathion-ethyl, Parathion-methyl, Pebulate, Penconazole, Pendamethalin, Pentachloroanisole, Pentachlorobenzene, Pentachlorobenzonitrile, Perthan, Phenothrin, Phorate, Phosalone, Phosmet, Phosphamidon, Piperonylbutoxide, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Procymidone, Prodiamine, Profenofos, Profluralin, Propachlor, Propanil, Propargite, Propham, Propisochlor, Propyzamide, Prothioconazole desthio, Prothiofos, Pyraclofos, Pyraclostrobin, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriproxifen, Quinalphos, Quintozene, Resmethrin, Sulfotep, Sulprophos, Tau-Fluvalinate, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbacil, Terbufos, Terbuthylazine, Tetrachlorvinphos, Tetradifon, Tetramethrin, Tolclofos-methyl, Tolylfluanid, trans-Nonachlor, trans-Chlordane, Transfluthrin, trans-Permethrine, Triadimefon, Triadimenol, Triallate, Tricyclazole, Trifloxystrobin, Triflumizole, Trifluralin, Vinclozolin	In house method 15_CS pesticides GC MS/MS. By gas chromatography coupled to triple quadruple mass spectrometer.

Site of assessment: **Laboratory Premises, 5A Kalimnou Str., Moshato, Attiki, Greece.**
Approved signatories: **M. Tampakopoulos.**

This Scope of Accreditation replaces the previous one dated 27.01.2023.
The Accreditation Certificate No **964**-4, to ELOT EN ISO/IEC 17025:2017, is valid until 22.01.2028.

Athens, 04.04.2025

Konstantinou Evangelos Apostolos
CEO of ESYD