

CERTIFICATE OF ANALYSIS no: 73901

Date of issue: 31/1/2019

CUSTOMER: Schön & Gut Katharina Schenke

FAX : 27210-71578

MULTICHROM.LAB CODE No : 73901

Date of analysis (from): 29/1/2019

DECLARED COMMODITY: EXTRA VIRGIN OLIVE OIL

(to): 31/1/2019

RECEIVING DATE: 29/1/2019

SAMPLE CONDITION: NORMAL

SEALS: None

SAMPLING BY: CUSTOMER

DATA:
RESULTS

| Determination | Limit of Quantitation | Method | Unit | Result | Limit |
|---|-----------------------|---------|----------|--------|-----------|
| Free fatty acid content (as oleic acid) | | 2568/91 | % | 0,43 | ≤ 0,8 |
| K Coefficients | | 2568/91 | - | - | - |
| K268 | | | - | 0,162 | ≤ 0,22 |
| K232 | | | - | 1,888 | ≤ 2,50 |
| DK | | | - | -0,003 | ≤ 0,01 |
| Peroxide Value | | 2568/91 | meqO2/kg | 7,1 | ≤20,0 |
| Fatty Acid Composition | | 2568/91 | % | - | - |
| C14:0 (Myristic) | | | | 0,01 | ≤ 0,03 |
| C16:0 (Palmitic) | | | | 12,21 | 7,5-20,0 |
| C16:1 (Palmitoleic) | | | | 0,96 | 0,3-3,5 |
| C17:0 (Heptadecanoic) | | | | 0,05 | ≤ 0,3 |
| C17:1 (Heptadecenoic) | | | | 0,07 | ≤ 0,3 |
| C18:0 (Stearic) | | | | 2,81 | 0,5-5,0 |
| C18:1 (Oleic) (ω9) | | | | 74,74 | 55,0-83,0 |
| C18:2 (Linoleic) (ω6) | | | | 7,43 | 3,5-21,0 |
| C18:3 (Linolenic) (ω3) | | | | 0,77 | ≤ 1,0 |
| C20:0 (Arachidic) | | | | 0,46 | ≤ 0,6 |
| C20:1 (Eicosenoic) | | | | 0,30 | ≤ 0,4 |
| C22:0 (Behenic) | | | | 0,15 | ≤ 0,2 |
| C22:1 (Erucic) (ω9) | | | | 0,00 | - |
| C24:0 (Lignoceric) | | | | 0,04 | ≤ 0,2 |
| trans C18:1 | | | | 0,01 | ≤ 0,05 |
| trans C18:2 + trans C18:3 | | | | 0,02 | ≤ 0,05 |
| Sterols | EU 2568/91 | | mg/kg | 1455 | ≥ 1000 |
| Cholesterol | | | % | 0,2 | ≤ 0,5 |
| Brassicasterol | | | % | <0,1 | ≤ 0,1 |
| 24-methylcholesterol | | | % | 0,2 | - |
| Campesterol (Camps.) | | | % | 3,3 | ≤ 4,0 |
| Campestanol | | | % | 0,1 | - |
| Stigmasterol | | | % | 0,6 | < Campes. |
| d7-campestanol | | | % | 0,0 | - |

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|--------------------------------|-----------------------|---|-------|--------|--------|
| d5,23stigm/dienol | | | % | 0,0 | - |
| Clerosterol | | | % | 0,7 | - |
| B-sitosterol | | | % | 72,5 | - |
| Sitostanol | | | % | 0,9 | - |
| d5-avenasterol | | | % | 20,2 | - |
| d5,24-stigm/dienol | | | % | 0,8 | - |
| d7-stigmastenol | | | % | 0,1 | ≤ 0,5 |
| d7-avenasterol | | | % | 0,4 | - |
| Erythrodiol | | | % | 3,0 | - |
| Uvaol | | | % | 1,0 | - |
| Erythrodiol+uvaol | | | % | 4,0 | ≤ 4,5 |
| Total b-sitosterol | | | % | 95,1 | ≥ 93,0 |
| Pesticide Residues by GC/MS-MS | | Internal (by GC/MS-MS LoQ: 0,01 / substance) | mg/kg | - | - |
| alpha- cypermethrin | 0,01 | | mg/kg | 0,045 | - |
| Acibenzolar-S-methyl | 0,01 | | mg/kg | n.d. | - |
| Aclonifen | 0,01 | | mg/kg | n.d. | - |
| Acrinathrin | 0,01 | | mg/kg | n.d. | - |
| Alachlor | 0,01 | | mg/kg | n.d. | - |
| Aldrin (1) | 0,01 | | mg/kg | n.d. | - |
| Azaconazole | 0,01 | | mg/kg | n.d. | - |
| Azinphos-ethyl | 0,01 | | mg/kg | n.d. | - |
| Azinphos-methyl | 0,01 | | mg/kg | n.d. | - |
| Benalaxyl | 0,01 | | mg/kg | n.d. | - |
| Benfluralin | 0,01 | | mg/kg | n.d. | - |
| Benfuracarb | 0,01 | | mg/kg | n.d. | - |
| Bifenox | 0,01 | | mg/kg | n.d. | - |
| Bifenthrin | 0,01 | | mg/kg | n.d. | - |
| Biphenyl (diphenyl) | 0,01 | | mg/kg | n.d. | - |
| Biphenyl (diphenyl) | 0,01 | | mg/kg | n.d. | - |
| Bromacil | 0,01 | | mg/kg | n.d. | - |

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| Bromophos-ethyl | 0,01 | | mg/kg | n.d. | - |
| Bromophos-methyl | 0,01 | | mg/kg | n.d. | - |
| Bromopropylate | 0,01 | | mg/kg | n.d. | - |
| Butafenacil | 0,01 | | mg/kg | n.d. | - |
| Carbaryl | 0,01 | | mg/kg | n.d. | - |
| Carbosulfan | 0,01 | | mg/kg | n.d. | - |
| Chlordane cis / trans | 0,01 | | mg/kg | n.d. | - |
| Chlorfenapyr | 0,01 | | mg/kg | n.d. | - |
| Chlorfenson (Ovex) | 0,01 | | mg/kg | n.d. | - |
| Chlorfenson (Ovex) | 0,01 | | mg/kg | n.d. | - |
| Chlorfenson (Ovex) | 0,01 | | mg/kg | n.d. | - |
| Chlorothalonil | 0,01 | | mg/kg | n.d. | - |
| Chlorpropham | 0,01 | | mg/kg | n.d. | - |
| Chlorpyrifos (ethyl) | 0,01 | | mg/kg | n.d. | - |
| Chlorpyrifos-methyl | 0,01 | | mg/kg | n.d. | - |
| Chlorthal-dimethyl | 0,01 | | mg/kg | n.d. | - |
| Chlozolinate | 0,01 | | mg/kg | n.d. | - |
| Clomazone | 0,01 | | mg/kg | n.d. | - |
| Cloquintocet-mexyl | 0,01 | | mg/kg | n.d. | - |
| Cyanophos | 0,01 | | mg/kg | n.d. | - |
| Cyfluthrin, 4 isomers | 0,01 | | mg/kg | n.d. | - |
| Cyhalothrin - λ | 0,01 | | mg/kg | 0,014 | - |
| Cypermethrin, 4 isomers | 0,01 | | mg/kg | n.d. | - |
| Cyproconazole | 0,01 | | mg/kg | n.d. | - |
| DDT Total | 0,01 | | mg/kg | n.d. | - |
| Deltamethrin | 0,01 | | mg/kg | n.d. | - |
| Diazinon | 0,01 | | mg/kg | n.d. | - |
| Dichlobenil | 0,01 | | mg/kg | n.d. | - |
| Dichlofenthion | 0,01 | | mg/kg | n.d. | - |
| Dichlofluanid | 0,01 | | mg/kg | n.d. | - |
| 4,4-Dichlorobenzophenone | 0,01 | | mg/kg | n.d. | - |
| Dichlorvos | 0,01 | | mg/kg | n.d. | - |

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| Diclobutrazol mix | 0,01 | | mg/kg | n.d. | - |
| Dicloran | 0,01 | | mg/kg | n.d. | - |
| Dieldrin | 0,01 | | mg/kg | n.d. | - |
| Difenoconazole | 0,01 | | mg/kg | n.d. | - |
| Diflufenican | 0,01 | | mg/kg | n.d. | - |
| Dimethenamid | 0,01 | | mg/kg | n.d. | - |
| Dimethoate | 0,01 | | mg/kg | 0,019 | - |
| Diniconazole | 0,01 | | mg/kg | n.d. | - |
| Diphenamid | 0,01 | | mg/kg | n.d. | - |
| Diphenylamine | 0,01 | | mg/kg | n.d. | - |
| Endosulfan sulfate | 0,01 | | mg/kg | n.d. | - |
| Endosulfan- α & - β | 0,01 | | mg/kg | n.d. | - |
| Endrin | 0,01 | | mg/kg | n.d. | - |
| EPN | 0,01 | | mg/kg | n.d. | - |
| Epoconazole | 0,01 | | mg/kg | n.d. | - |
| EPTC (1) | 0,01 | | mg/kg | n.d. | - |
| Etaconazol | 0,01 | | mg/kg | n.d. | - |
| Etaconazol | 0,01 | | mg/kg | n.d. | - |
| Ethion | 0,01 | | mg/kg | n.d. | - |
| Ethofumesate | 0,01 | | mg/kg | n.d. | - |
| Ethoxyquin | 0,01 | | mg/kg | n.d. | - |
| Etofenprox | 0,01 | | mg/kg | n.d. | - |
| Etridiazole | 0,01 | | mg/kg | n.d. | - |
| Famoxadone | 0,01 | | mg/kg | n.d. | - |
| Famphur | 0,01 | | mg/kg | n.d. | - |
| Fenamidone | 0,01 | | mg/kg | n.d. | - |
| Fenarimol | 0,01 | | mg/kg | n.d. | - |
| Fenchlorphos | 0,01 | | mg/kg | n.d. | - |
| Fenitrothion | 0,01 | | mg/kg | n.d. | - |
| Fenpropathrin | 0,01 | | mg/kg | n.d. | - |
| Fenpropimorph (1) | 0,01 | | mg/kg | n.d. | - |
| Fenson | 0,01 | | mg/kg | n.d. | - |

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|------------------------|-----------------------|--------|-------|--------|-------|
| Fenthion | 0,01 | | mg/kg | n.d. | - |
| Fenthion sulfone | 0,01 | | mg/kg | n.d. | - |
| Fenthion sulfoxide | 0,01 | | mg/kg | n.d. | - |
| Fenvalerate | 0,01 | | mg/kg | n.d. | - |
| Fonicamid | 0,01 | | mg/kg | n.d. | - |
| Fluchloralin | 0,01 | | mg/kg | n.d. | - |
| Flucythrinate | 0,01 | | mg/kg | n.d. | - |
| Flumioxazine | 0,01 | | mg/kg | n.d. | - |
| Fluquinconazole | 0,01 | | mg/kg | n.d. | - |
| Flutriafol | 0,01 | | mg/kg | n.d. | - |
| Fluvalinate-τ | 0,01 | | mg/kg | n.d. | - |
| Fonofos (dyfonate) | 0,01 | | mg/kg | n.d. | - |
| Formothion | 0,01 | | mg/kg | n.d. | - |
| HCH-α, -β, -γ & δ | 0,01 | | mg/kg | n.d. | - |
| Heptachlor | 0,01 | | mg/kg | n.d. | - |
| Heptachl. epoxide endo | 0,01 | | mg/kg | n.d. | - |
| Heptachl. epoxide exo | 0,01 | | mg/kg | n.d. | - |
| Hexachlorobenzene (1) | 0,01 | | mg/kg | n.d. | - |
| Ibropenphos | 0,01 | | mg/kg | n.d. | - |
| Iprodione | 0,01 | | mg/kg | n.d. | - |
| Isocarbophos | 0,01 | | mg/kg | n.d. | - |
| Isodrin | 0,01 | | mg/kg | n.d. | - |
| Isofenphos | 0,01 | | mg/kg | n.d. | - |
| Isofenphos-methyl | 0,01 | | mg/kg | n.d. | - |
| Jodfenphos | 0,01 | | mg/kg | n.d. | - |
| Leptophos | 0,01 | | mg/kg | n.d. | - |
| Malaoxon | 0,01 | | mg/kg | n.d. | - |
| Malathion | 0,01 | | mg/kg | n.d. | - |
| Mefenpyr-diethyl | 0,01 | | mg/kg | n.d. | - |
| Metalaxyl-M | 0,01 | | mg/kg | n.d. | - |
| Metazachlor | 0,01 | | mg/kg | n.d. | - |
| Methacriphos | 0,01 | | mg/kg | n.d. | - |

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|---------------------|-----------------------|--------|-------|--------|-------|
| Methidathion | 0,01 | | mg/kg | n.d. | - |
| Methoprottryne | 0,01 | | mg/kg | n.d. | - |
| Methoxychlor | 0,01 | | mg/kg | n.d. | - |
| Metolachlor | 0,01 | | mg/kg | n.d. | - |
| Metribuzin | 0,01 | | mg/kg | n.d. | - |
| Mevinphos | 0,01 | | mg/kg | n.d. | - |
| Myclobutanyl | 0,01 | | mg/kg | n.d. | - |
| Nitralin | 0,01 | | mg/kg | n.d. | - |
| Nitrapyrin | 0,01 | | mg/kg | n.d. | - |
| Nitrofen | 0,01 | | mg/kg | n.d. | - |
| Nitrothal-isopropyl | 0,01 | | mg/kg | n.d. | - |
| Norflurazon | 0,01 | | mg/kg | n.d. | - |
| o-Phenylphenol | 0,01 | | mg/kg | n.d. | - |
| Oxadiazon | 0,01 | | mg/kg | n.d. | - |
| Oxyfluorfen | 0,01 | | mg/kg | n.d. | - |
| Parathion | 0,01 | | mg/kg | n.d. | - |
| Parathion-methyl | 0,01 | | mg/kg | n.d. | - |
| Pebulate | 0,01 | | mg/kg | n.d. | - |
| Pencycuron | 0,01 | | mg/kg | n.d. | - |
| Pendimethalin | 0,01 | | mg/kg | n.d. | - |
| Pentachloranisole | 0,01 | | mg/kg | n.d. | - |
| Permethrin | 0,01 | | mg/kg | n.d. | - |
| Perthan | 0,01 | | mg/kg | n.d. | - |
| Phenthoate | 0,01 | | mg/kg | n.d. | - |
| Phorate (2) | 0,01 | | mg/kg | n.d. | - |
| Phosalone | 0,01 | | mg/kg | n.d. | - |
| Phosmet (2) | 0,01 | | mg/kg | 0,050 | - |
| Piperonyl butoxide | 0,01 | | mg/kg | n.d. | - |
| Pirimiphos-methyl | 0,01 | | mg/kg | n.d. | - |
| Procymidone | 0,01 | | mg/kg | n.d. | - |
| Profluralin | 0,01 | | mg/kg | n.d. | - |
| Propanil | 0,01 | | mg/kg | n.d. | - |

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| SEALS: None | SAMPLING BY: CUSTOMER |
| DATA: | |

RESULTS

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|------------------|-----------------------|--------|-------|--------|-------|
| Propazine | 0,01 | | mg/kg | n.d. | - |
| Propetamphos | 0,01 | | mg/kg | n.d. | - |
| Propham | 0,01 | | mg/kg | n.d. | - |
| Prosulfocarb | 0,01 | | mg/kg | n.d. | - |
| Prothiofos | 0,01 | | mg/kg | n.d. | - |
| Pyridaphenthion | 0,01 | | mg/kg | n.d. | - |
| Pyrifenox | 0,01 | | mg/kg | n.d. | - |
| Quinoxifen | 0,01 | | mg/kg | n.d. | - |
| Quintozene | 0,01 | | mg/kg | n.d. | - |
| S 421 | 0,01 | | mg/kg | n.d. | - |
| Spiromesifen | 0,01 | | mg/kg | n.d. | - |
| Tebuconazole | 0,01 | | mg/kg | n.d. | - |
| Tecnazene | 0,01 | | mg/kg | n.d. | - |
| Tefluthrin mix | 0,01 | | mg/kg | n.d. | - |
| Terbacil | 0,01 | | mg/kg | n.d. | - |
| Terbufos | 0,01 | | mg/kg | n.d. | - |
| Tetradifon | 0,01 | | mg/kg | n.d. | - |
| Tetramethrin | 0,01 | | mg/kg | n.d. | - |
| Tetrasul (1) | 0,01 | | mg/kg | n.d. | - |
| Tolclofos-methyl | 0,01 | | mg/kg | n.d. | - |
| Transfluthrin | 0,01 | | mg/kg | n.d. | - |
| Triadimefon | 0,01 | | mg/kg | n.d. | - |
| Tri-allate | 0,01 | | mg/kg | n.d. | - |
| Triazophos | 0,01 | | mg/kg | n.d. | - |
| Trichloronat | 0,01 | | mg/kg | n.d. | - |
| Trifluralin | 0,01 | | mg/kg | n.d. | - |

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For **multichrom.lab**


E. Salivaras, M.Sc.

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