



CERTIFICATE OF ANALYSIS no: P-109232

Date of issue: 03/11/2023

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| CUSTOMER: CHARILAOS GOUNARAS | PHONE : +49176357364 |
| MULTICHROM.LAB CODE No : P-109232 | Date of analysis (from): 01/11/2023 |
| COMMODITY ACCORDING TO CUSTOMER: EXTRA VIRGIN OLIVE OIL | (to): 03/11/2023 |
| RECEIVING DATE: 01/11/2023 | SAMPLE CONDITION: NORMAL |
| SEALS: None | SAMPLING BY: CUSTOMER |
| DATA: BLEND 2023 | |

RESULTS

| Determination | LoQ | Method | Unit | Result | Limit [†] |
|---|------|--|-----------------------|--------|--------------------|
| Free fatty acid content (as oleic acid) | | COI/T.20/DOC.34/Rev. 1 – 2017 | % | 0,24 | ≤ 0,80 |
| K Coefficients | | COI/T.20/DOC.19/Rev. 5/2019 | - | - | - |
| K268 | | | - | 0,140 | ≤ 0,22 |
| K232 | | | - | 1,878 | ≤ 2,50 |
| DK | | | - | -0,002 | ≤ 0,01 |
| Peroxide Value | | COI/T.20/DOC.35/Rev. 1/2017 | meqO ₂ /kg | 5,3 | ≤20,0 |
| Total Halogenated Volatile Solvents | 0,01 | 2568/91 ^a | mg/kg | <0,01 | ≤ 0,2 |
| ΔECN42 | | COI/T.20/Doc.No.20/Rev.4/2017 as in force | - | 0,11 | ≤ 0,20 |
| Stigmastadienes | 0,01 | COI/T.20/Doc. No 16/Rev. 2 2017 ^a | mg/kg | 0,01 | ≤ 0,05 |
| Squalene | | Internal ^a | mg/kg | 6844 | - |
| Ethylesters of Fatty Acids | | COI/T.20/Doc. 28 - 2009 | mg/kg | 2 | ≤ 35 |
| Fatty Acid Composition | | COI/T.20/DOC.33/Rev. 1 – 2017 | % | - | - |
| C14:0 (Myristic) | | | | 0,01 | ≤ 0,03 |
| C16:0 (Palmitic) | | | | 14,03 | 7,00-20,00 |
| C16:1 (Palmitoleic) | | | | 1,22 | 0,30-3,50 |
| C17:0 (Heptadecanoic) | | | | 0,11 | ≤ 0,40 |
| C17:1 (Heptadecenoic) | | | | 0,22 | ≤ 0,60 |
| C18:0 (Stearic) | | | | 2,16 | 0,50-5,00 |
| C18:1 (Oleic) (ω9) | | | | 70,27 | 55,00-85,00 |
| C18:2 (Linoleic) (ω6) | | | | 10,37 | 2,50-21,00 |
| C18:3 (Linolenic) (ω3) | | | | 0,78 | ≤ 1,00 |
| C20:0 (Arachidic) | | | | 0,38 | ≤ 0,60 |

^a Method outside the scope of accreditation. ^d Compound outside the scope of accreditation.

The above results concern only the sample we examined.

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n.d. - not detected. LoQ - limit of quantitation of the method (the concentration of a substance at which quantitative results can be reported with a high degree of confidence for the given analytical procedure).

[†]Limits according to: EU 2104/2022 as in force today,



Tests
certification no. 632-5



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RESULTS

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|---------------------------|-----|---|--------------------|--------|--------------------|
| C20:1 (Eicosenoic) | | | | 0,29 | ≤ 0,50 |
| C22:0 (Behenic) | | | | 0,10 | ≤ 0,20 |
| C22:1 (Erucic) (ω9) | | | | <0,01 | - |
| C24:0 (Lignoceric) | | | | 0,06 | ≤ 0,20 |
| trans C18:1 | | | | 0,01 | ≤ 0,05 |
| trans C18:2 + trans C18:3 | | | | 0,01 | ≤ 0,05 |
| Sterols | | COI/T.20/Doc.no.26/ Rev.5/2020 as in force | mg/kg ^r | 1737 | ≥ 1000 |
| Cholesterol | | | % | 0,1 | ≤ 0,5 |
| Brassicasterol | | | % | <0,1 | ≤ 0,1 |
| 24-methylcholesterol | | | % | 0,1 | - |
| Campesterol (Camps.) | | | % | 2,4 | ≤ 4,0 |
| Campestanol | | | % | 0,0 | - |
| Stigmasterol | | | % | 0,5 | < Campes. |
| d7-campestanol | | | % | 0,0 | - |
| d5,23stigm/dienol | | | % | 0,0 | - |
| Clerosterol | | | % | 1,0 | - |
| B-sitosterol | | | % | 88,4 | - |
| Sitostanol | | | % | 0,2 | - |
| d5-avenasterol | | | % | 6,0 | - |
| d5,24-stigm/dienol | | | % | 0,6 | - |
| d7-stigmastenol | | | % | 0,3 | ≤ 0,5 |
| d7-avenasterol | | | % | 0,5 | - |
| Erythrodiol | | | % | 1,1 | - |
| Uvaol | | | % | 0,2 | - |
| Erythrodiol+uvaol | | | % | 1,3 | ≤ 4,5 |
| Total b-sitosterol | | | % | 96,1 | ≥ 93,0 |
| Waxes (C42+C44+C46) | | COI/T.20/DOC.28/Re v.3/2022 as in force | mg/kg ^r | 17 | ≤ 150 |

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