

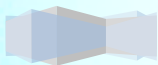


**18) FATTY ACID:**

|                       |      |
|-----------------------|------|
| Palmitic (C16:0)      | 13.8 |
| Pamitoleic (C16:1)    | 1.4  |
| Heptadecanoic (C17:0) | 0.21 |
| Heptadecanoic (C17:1) | 0.14 |
| Stearic (C18:0)       | 2.0  |
| Oleic (C18:1)         | 69.3 |
| Linoleic (C18:2)      | 11.0 |
| Linolenic (C18:3)     | 0.3  |
| Arushidic (C20:0)     | 0.24 |
| Gadoleic (C20:0)      | 0.22 |
| Behenic (C20:1)       | 0.1  |
| Lignoceric (C24:0)    | 0.1  |

**19) STEROLS(% in total sterols):**

|                                        |            |
|----------------------------------------|------------|
| Total Sterols mg/kg                    | 1125       |
| Cholesterol                            | 0.1        |
| Brassicasterol                         | 0.07       |
| Campsterol                             | 3.9        |
| ERYTHRODIOL+UVAOL<br>(% total sterols) | 2.5%       |
| Stigmasterol                           | 0.3        |
|                                        |            |
| Stigmastadienol mg/kg                  | 0.10 mg/kg |



20) POLYPHENOLS

|                                                                                 |       |
|---------------------------------------------------------------------------------|-------|
| Total Polyphenols mg/kg                                                         | 1248  |
| Tyrosol mg/Kg                                                                   | 122.6 |
| Total Hydroxytyrosol mg/Kg<br>(linked hydroxytyrosol + isolated hydroxytyrosol) | 223.9 |
| Oleuropeine mg/Kg                                                               | 30.7  |

21) ADDITIONAL PARAMETERS

|                      |                       |
|----------------------|-----------------------|
| ARSENIC (As)         | 0.00 PPM (no traces)  |
| CADMIUM (Cd)         | 0.00 PPM (no traces)  |
| MERCURY (Hg)         | 0.00 PPM (no traces)  |
| TIN (Sn)             | 0.00 PPM (no traces)  |
| SAPONIFICATION VALUE | 72 /MG KOH/G          |
| IODINE VALUE         | 0.00 WIJS (no traces) |

22) MICROBIOLOGY ANALYSIS

| Détermination                                 | 1                  | 2                  |
|-----------------------------------------------|--------------------|--------------------|
| <b>FMAT</b><br>Norme AFNOR (NF V08-051,1999). | 0 UFC/ml NOT FOUND | 0 UFC/ml NOT FOUND |
| <b>Fungus</b><br>Norme AFNOR (NF X 11501).    | 0 UFC/ml NOT FOUND | 0 UFC/ml NOT FOUND |

Conclusion:

The values resulted meet the specifications demanded for extra virgin olive oils by EC Regulation No. 2568/91, Commission of 11/07/1991 in force from 09/09/1991 and subsequent amendments, and by International Olive Oil Council Trade Standard COI/T.15/NC no.3/Rev.4 november 2009. No traces of pesticide residue and no traces of herbicide residue were analyzed in this extra virgin olive oil lot submitted. We also confirm the absence of fungus or any bacteria in this lot.

Fès, done October 4<sup>th</sup> 2021



Laboratory Director

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