

MUELOLIVA Y MINERVA S.L

Analysis certificate

CUSTOMER: SUN GROVE FOODS, INC

DATE: 02-2024

ANALYSIS: A202415871

PRODUCT: EXTRA VIRGIN OLIVE OIL

MEXP14809

BATCH: L-25017P04

FDA REGISTRATION PO.05114

Free Acidity % Ac. Oleic 0.47
I. Peroxide value (meq O₂/Kg) 7.0

Spectrophotometry:

K₂₇₀ 0.15
K₂₃₂ 1.80
ΔK 0.000

Fatty Acid Profile

Myristic Acid 0.01
Palmitic Acid 11.18
Palmitoleic Acid 0.86
Heptadecanoic Acid 0.10
9 Heptadecanoic Acid 0.11
Stearic Acid 3.29
Oleic Acid 76.21
Linoleic Acid 6.78
Linolénic Acid 0.70
Arachiric Acid 0.40
Gadoleic Acid 0.23
Behenic Acid 0.11
Erucic Acid N/D
Lignoceric Acid 0.10

Isomeres Trans:

Trans oleic < 0.03
Trans linoleic+linolenic < 0.03

2-glyceril monopalmitate 0.6%

Benzo(a)pyrene < 1 ppb

Σ Benzo(a)pyrene, benzo(a)anthracene, Benzo(b)fluorethene and chrysene < 10 ppb

Triglycerides HPLC

ΔECN42 (difference between real and theoretical): 0.00

Sterol composition

HPLC-GCC %

Cholesterol 0,1
Brassicasterol N/D
Campesterol 3.3
Stigmasterol 0.7
β-sitosterol 94.6
Δ⁷- Stigmastenol 0.3
Erythrodiol+Uvaol 2.2
Total Sterol content ppm 1365

Waxes (42+44+46)

ΣFAEEs 69 ppm
3 ppm

Stigmastadiens (ppm)

<0.02

Halogenated solvents:

Chloroform N/D
Trichloroethylene N/D
Tetrachloroethylene N/D

REPORT: Complying with the E.U. Standards N° 2022/2104 and following amendments.

MUELOLIVA Y MINERVA, S.L
CIF.: B91397422
CTRA. A339, KM. 24,5
14800 PRIEGO DE CORDOBA
CÓRDOBA - SPAIN