

Lluís Jané Busquets Laboratori d'Anàlisi S.L.

c/ St Llorenç, 27 baixos 08192 Sant Quirze del Valles (Bcn)

VIDORIA S.L.

Ctra. Reus-Cambrils Km 4,5
43206 - Reus
TARRAGONA

Report nº. 21_0558

ANALYSIS CERTIFICATE

St. Quirze del Vallès 05/10/2021
Dear Sirs,

CLIENT: TAISUN ENTERPRISE CO.,LTD. 10FL, NO.99, SEC.2, CHANG AN E.ROAD TAIPEI TAIWAN

We send you this CERTIFICATE OF ANALYSIS from VIDORIA, S.L.

(Ctra. Reus-Cambrils Km. 4, 5) 43206 REUS (Spain) of this **HIGH OLEIC SUNFLOWER OIL**, 1X20 feet container, 2.200 cartons with 6 glass bottles of 1 Liter, total 13.200 bottles. Total 12.091 kilos, Ref. LOT 1037

RESULTS

- Free Acidity (% Oleic Acid) 0.05%
PNT-RT-50
- Acid Value (mg KOH/g) 0.10 mg KOH/g
PNT-RT-50
- Peroxide value (meqO2/Kg) 0.9. meqO2/Kg
PNT-RT-20
- *Fatty Acid Composition (Quantitative %) :
RCEE 2568/91 A-X in force

Lauric.....	0,01%
Myristic.....	0,04%
Palmitic.....	3,93%
Palmitoleic.....	0,12%
Heptadecanoic.....	0,03%
Heptadecenoic.....	0,03%
Stearic.....	3,08%
Oleic.....	82,50%
Linoleic.....	8,14%
Linolenic.....	0,27%
Arachidic.....	0,18%
Eicosenoic.....	0,26%
Behenic.....	1,05%
Erucic.....	0,04%
Lignoceric.....	0,32%
- *Trans fatty acids:C18:1T=0,04%
PNT-RT-04 C18:2T+C18:3T=0,05%

The analytical determinations and activities marked with a (*) are not included in the Enac accreditation scope.

The uncertainty value of the quantitative tests is at the customer's disposal.

This analysis report corresponds exclusively to the received and analyzed sample.

The results are considered the client's property and its total or partial reproduction is not allowed without the written authorization of the laboratory.



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Recognized by the
International Olive Council
for physico-chemical testing
(01/12/14-30/11/15)



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- Total Vitamin E= 715 mg/kg
- *Total Sterol =2,305,-ppm
PNT-RT-06
- Sterol Composition:
PNT-RT-06
Cholesterol=0.10%; Brassicasterol=0.2%; Campesterol=8.1 ; Stigmasterol=8.1%; Beta-Sitosterol=66.00
Delta-5-Avenasterol=3.2%; Delta-7-Stigmasterol=7.8 %;Delta-7-Avenasterol=1.81%; Others=4.50 mg/kg
- Wax: clear
- Moisture & volatile matter= 0.02
- Iodine: 80
- Copper: 0.2 ppm
- Mercury: 0.01 ppm
- Arsenic: 0.01 ppm
- Lead: 0.01 ppm
- Tin:< 250mg/kg
- Benzopyrene:<1 ppb
- Aflatoxin: 2.1 ppb
- Lovibond 5 ¼" cell yellow: 9
- Lovibond 5 ¼" cell red: 0.3
- Lovibond 5 ¼" cell blue: 2.1

CONCLUSIONS

The analytical determinations requested comply with CODEX STAN 210 1999 Rev.2011 Regulations governing the quality of High oleic Sunflower Oil fit for human use.

Yours faithfully, signed by General Manager Lluís Jané.

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SAMPLE DESCRIPTION: HIGH OLEIC SUNFLOWER OIL , Ref. LOT 1037
GROSS WEIGHT: 0.916 KG =1 LITER

REAL TIME QUANTITATIVE PCR ANALYSIS

LIMIT OF DETECTION: 0.1%

TEST SUNFLOWER REFERENCE GENE: no sunflower dna detected

TEST 35S PROMOTER REAL TIME QUANTITATIVE: no GMO detected, qualified by reference gene result.

Yours faithfully, signed by General Manager Lluís Jané.

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