

**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. 20\_1312

**ANALYSIS CERTIFICATE**

St. Quirze del Vallès 09/12/2020  
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 **GRAPE SEED OIL**, , 2.200 cartons with 6 glass bottles  
of 1 Liter sample Ref. Lot 832 TOTAL: 12.091 kilos.

**RESULTS**

- Free Acidity (% Oleic Acid) ..... 0.07%  
PNT-RT-50
- Acid Value (mg KOH/g)..... 0.14 mg KOH/g  
PNT-RT-50
- Peroxide value ( meq/Kg)..... 1.9 . meq/Kg  
PNT-RT-20
- \*Fatty Acid Composition (Quantitative %):  
RCEE 2568/91 A-X in force
  - Lauric.....N/D
  - Myristic.....0.05%
  - Palmitic.....6,43%
  - Palmitoleic.....0,38%
  - Heptadecanoic.....0,01%
  - Heptadecenoic..... N/D
  - Stearic.....3,82%
  - Oleic.....15,77%
  - Linoleic.....72,81%
  - Linolenic.....0,20%
  - Arachidic.....0,18%
  - Eicosenoic.....0,20%
  - Behenic.....0,07%
  - Erucic.....0,04%
  - Lignoceric.....0,03%
- \*Trans fatty acids:C18:1T=0,03%  
PNT-RT-04 C18:2T+C18:3T=0,04%

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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LABORATORIO RECONOCIDO - IFPAO 2111  
MFAO, Sociedad Rectora  
del Mercado de Futuros  
del Aceite de Oliva, S.A.



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



ENAC  
ENSAYOS  
Nº 918/LE1868

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- Vitamin E Composition:  
 $\alpha$ -tocopherol=27 mg/kg;  $\beta$ -tocopherol=33 mg/kg;  $\gamma$ -tocopherol=40 mg/kg;  $\delta$ -tocopherol= 1.8 mg/kg;  
 $\alpha$ -tocotrienol=33mg/kg;  $\gamma$ - tocotrienol =168mg/kg;  $\delta$ - tocotrienol = 1.3 mg/kg;  
Total Vitamin E= 305 mg/kg
- \*Total Sterol =2,465,-ppm  
PNT-RT-06
- Sterol Composition:  
PNT-RT-06  
Cholesterol=0.10%; Brassicasterol=0.1%;Campesterol=8.4 ; Stigmasterol=8.3%; Beta-Sitosterol=64.00  
Delta-5-Avenasterol=2.8%; Delta-7-Stigmasterol=1.8 %;Delta-7-Avenasterol=0.84%; Others=2.50 mg/kg
- Wax: clear
- Moisture & volatile matter= 0.02
- Iodine: 132 hw
- 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: 9.7
- Lovibond 5 ¼" cell red: 0.2
- Lovibond 5 ¼" cell blue: 2.7

CONCLUSIONS

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

Yours faithfully, signed by General Manager Lluís Jané.

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SAMPLE DESCRIPTION: GRAPE SEED OIL, Ref. LOT 832

GROSS WEIGHT: 0.916 KG =1 LITER

**REAL TIME QUANTITATIVE PCR ANALYSIS**

LIMIT OF DETECTION: 0.1%

TEST GRAPE REFERENCE GENE: no grape seed 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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