



# luis jané busquets laboratori d'anàlisi s.l.

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MF  
AO  
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)



Lluís Jané Busquets Laboratori d'Analisi S.L.  
c/ St Llorenç, 27 baixos 08192 Sant Quirze del Vallès (Bcn)

VIDORIA S.L.  
Ctra. Reus-Cambrils Km 4,5  
43206 - Reus  
TARRAGONA

Report nº. 21\_0142

## ANALYSIS CERTIFICATE

St. Quirze del Vallès 25/01/2021  
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 RICE BRAN OIL , 2.200cartons with 6 glass bottles of 1000ml total 13.200 bottles  
sample Ref. Lot 902 TOTAL:12.091 kilos.

## RESULTS

- Free Acidity (% Oleic Acid) ..... 0.09%  
PNT-RT-50
- Acid Value (mg/KOH/g)..... 0.18 mg KOH/g
- Peroxide value (meq/Kg)..... 1.7. meq/Kg  
PNT-RT-20
- \*Fatty Acid Composition (Quantitative %):  
RCEE 2568/91 A-X in force
  - Lauric..... 0.01%
  - Myristic..... 0.25%
  - Palmitic..... 20.64%
  - Palmitoleic..... 0.15%
  - Heptadecanoic..... 0.03%
  - Heptadecenoic..... 0.02%
  - Stearic..... 2.95%
  - Oleic..... 40.49%
  - Linoleic..... 31.80%
  - Linolenic..... 1.61%
  - Arachidic..... 0.84%
  - Eicosenoic..... 0.43%
  - Behenic..... 0.29%
  - Erucic..... 0.04%
  - Lignoceric..... 0.44%
- Vitamin E Composition:  
α-tocopherol=33 mg/kg; β-tocopherol=3 mg/kg; γ-tocopherol=14 mg/kg; δ-tocopherol= 1.3 mg/kg;  
α-tocotrienol=34 mg/kg; γ-tocotrienol =203 mg/kg; δ-tocotrienol = 1.1 mg/kg;
- Solvent Residue :0.01ppm

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 costumer's disposal.  
This analysis report corresponds exclusively to the received and analyzed sample.  
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LABORATORI RECONOCIDO I-HRIO 2014  
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### ANALYSIS CERTIFICATE

- Sterol Composition:  
PNT-RT-06  
Cholesterol=0.1 %; Brassicasterol=0.2%; Campesterol=10 ;  
Stigmasterol=12%; Beta-Sitosterol=45%  
Delta-5-Avenasterol=1.4%; Delta-7-Stigmastenol=1.8%; Delta-7-Avenasterol=2.6%; Others=7.4.00 mg/kg
- Moisture & volatile matter= 0.03
- Iodine: 93 hw
- Copper: 0.2 ppm
- Tin: 0.01 ppm
- Arsenic: 0.02 ppm
- Lead: 0.01 ppm
- Benzopyrene:<1 ppb
- Aflatoxin: < 2.0 ppb
- TPM:1%
- Lovibond 5 1/4" cell yellow: 31
- Lovibond 5 1/4" cell red: 3.2
- Transfatty Acid Composition
  - \*Ac.9t-14:1.....<0.01%
  - \*Ac.9t-16:1.....<0.01%
  - Oleic Trans Isomers (6t-18:1+9t-18:1+11t-18:1).....0.11%
  - Ac.9t,12t-18:2.....0.06%
  - Ac.9c,12t-18:2.....0.17%
  - Ac.9t,12c-18:2.....0.11%
  - Ac.9t,12t,15t-18:3.....<0.01%
  - Ac.9t,12t,15c-18:3.....<0.01%
  - Ac.9t,12c,15t-18:3.....<0.01%
  - Ac.9c,12t,15t-18:3.....<0.01%
  - Ac.9c,12c,15t-18:3.....0.06%
  - Ac.9c,12t,15c-18:3.....0.01%
  - Ac.9t,12c,15c-18:3.....0.04%
  - Oleic,Linoleic and Linolenic Trans Isomers (18:1+18:2+18:3).....0.67%

### CONCLUSIONS

The analytical determinations requested comply with UE Regulations N°2568/91 governing the quality of RICE BRAN OIL fit for human use.

Yours faithfully, signed by General Manager Lluís Jané.

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Dear Sirs,

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

SAMPLE DESCRIPTION: RICE BRAN OIL , Ref. LOT 902

GROSS WEIGHT: 0.916 KG =1 LITER

### REAL TIME QUANTITATIVE PCR ANALYSIS

LIMIT OF DETECTION: 0.1%

TEST RICE REFERENCE GENE: no RICE BRAN OIL dna detected

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

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