

**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\_1120

**ANALYSIS CERTIFICATE**

St. Quirze del Vallès 24/10/2020  
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 RICE BRAN OIL , 4400 cartons with 6 glass bottles of 1000ml total 26.400 bottles sample Ref. Lot 850, TOTAL:24.182 kilos.

**RESULTS**

- Free Acidity (% Oleic Acid) ..... 0.08%  
PNT-RT-50
- Acid Value (mg/KOH/g)..... 0.16 mg KOH/g
- Peroxide value (meq/Kg)..... 2. meq/Kg  
PNT-RT-20
- \*Fatty Acid Composition (Quantitative %) ;  
RCEE 2568/91 A-X in force

Lauric.....	0.01%
Myristic.....	0.29%
Palmitic.....	20.66%
Palmitoleic.....	0.16%
Heptadecanoic.....	0.03%
Heptadecenoic.....	0.02%
Stearic.....	2.97%
Oleic.....	40.39%
Linoleic.....	31.79%
Linolenic.....	1.61%
Arachidic.....	0.85%
Eicosenoic.....	0.46%
Behenic.....	0.29%
Erucic.....	0.04%
Lignoceric.....	0.42%
- Vitamin E Composition:  
α-tocopherol=33 mg/kg; β-tocopherol=3 mg/kg; γ-tocopherol=14 mg/kg; δ-tocopherol= 1.2 mg/kg;  
α-tocotrienol=35 mg/kg; γ- tocotrienol =205 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.

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LABORATORIO TECNOLÓGICO - Nº 102/2014  
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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- Sterol Composition:  
PNT-RT-06  
Cholesterol=0.1 %; Brassicasterol=0.2%; Campesterol=10 ;  
Stigmasterol=12%; Beta-Sitosterol=45%  
Delta-5-Avenasterol=1.5%; Delta-7-Stigmasterol=1.8%; Delta-7-Avenasterol=2.7%; Others=7.4.00 mg/kg
- Moisture & volatile matter= 0.03
- Iodine: 95 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 ¼" cell yellow: 31
- Lovibond 5 ¼" cell red: 3.3
- 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	0.06%
-Ac.9c,12c,15t-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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LABORATORI D'ANÀLISI QUÍMICA - Nº 1914  
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del Mercado de Futuros  
del Aceite de Oliva, S.A.



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SAMPLE DESCRIPTION: RICE BRAN OIL , Ref, LOT 850

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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