

**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\_0007

**ANALYSIS CERTIFICATE**

St. Quirze del Vallès 7/11/2019

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**, 2200 cartons with 6 glass bottles of 1000ml – sample Ref. Lot 677, TOTAL:12,091 kilos.

**RESULTS**

- Free Acidity (% Oleic Acid) ..... 0.07%  
PNT-RT-50
- Acid Value (mg/KOH/g)..... 0.14%
- Peroxide value ( m.e.q. of O<sub>2</sub>/ Kg. oil )..... 3.3 meq  
PNT-RT-20
- \*Fatty Acid Composition (Quantitative %) :  
RCEE 2568/91 A-X in force
 

Lauric.....	0.01%
Myristic.....	0.38%
Palmitic.....	19.16%
Palmitoleic.....	0.25%
Heptadecanoic.....	0.04%
Heptadecenoic.....	0.02%
Stearic.....	2.08%
Oleic.....	42.73%
Linoleic.....	32.11%
Linolenic.....	1.21%
Arachidic.....	0.82%
Eicosenoic.....	0.46%
Behenic.....	0.27%
Erucic.....	0.03%
Lignoceric.....	0.41%
- Vitamin E Composition:  
 α-tocopherol=83 mg/kg; β-tocopherol=5 mg/kg; γ-tocopherol=13 mg/kg; δ-tocopherol= 1 mg/kg;  
 α-tocotrienol=55 mg/kg; γ-tocotrienol =430 mg/kg; δ-tocotrienol = 1.9 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 customer's disposal.

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lluis jané busquets  
laboratori d'anàlisi s.l.



LABORATORIO EFICACIA - PPAO 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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ANALYSIS CERTIFICATE

- Sterol Composition:  
PNT-RT-06  
Cholesterol=0.1 %; Brassicasterol=0.2%; Campesterol=18 ;  
Stigmasterol=21%; Beta-Sitosterol=40%  
Delta-5-Avenasterol=1.1%; Delta-7-Stigmastenol=1.7%; Delta-7-Avenasterol=2.9%; Others=7,5,00 mg/kg
- Moisture & volatile matter= 0,03
- Iodine: 97,14 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: 30
- Lovibond 5 ¼" cell red: 3.6
- 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.....	0.17%
-Ac.9t,12t-18:2.....	0,06%
-Ac.9c,12t-18:2.....	0.18%
-Ac.9t,12c-18:2.....	0,12%
-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.....	0.05%
Oleic, Linoleic and Linolenic Trans Isomers.....	0.65%
(18:1+18:2+18:3)	

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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LABORATORIO RECONOCIDO - MF AO 2014

MFAO, Sociedad Rectora  
del Mercado de Futuros  
del Aceite de Oliva, S.A.



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

Report nº. 20\_0008

**ANALYSIS CERTIFICATE**

St. Quirze del Vallès 7/11/2019  
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 677

**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.

Yours faithfully, signed by General Manager Lluís Jané.

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