



lluis jané busquets
laboratori d'anàlisi s.l.



LABORATORI D'ANÀLISI DE PETROLIS I OLI
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)

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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_0226

ANALYSIS CERTIFICATE

St. Quirze del Vallès 09/03/2020
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 , 2200 cartons with 6 glass bottles of 1000ml and 50 cartons with 12 gla bottles of 250ml, sample Ref. Lot 739, TOTAL:12,229 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) 2.2 meq/Kg
PNT-RT-20
- *Fatty Acid Composition (Quantitative %) :
RCEE 2568/91 A-X in force
 - Lauric 0.02%
 - Myristic 0.38%
 - Palmitic 20.05%
 - Palmitoleic 0.18%
 - Heptadecanoic 0.04%
 - Heptadecenoic 0.02%
 - Stearic 2.90%
 - Oleic 40.90%
 - Linoleic 31.90%
 - Linolenic 1.49%
 - Arachidic 0.85%
 - Eicosenoic 0.51%
 - Behenic 0.27%
 - Erucic 0.04%
 - Lignoceric 0.41%
- Vitamin E Composition:
 - α-tocopherol=31 mg/kg; β-tocopherol=3 mg/kg; γ-tocopherol=17 mg/kg; δ-tocopherol= 1.4 mg/kg;
 - α-tocotrienol=38 mg/kg; γ- tocotrienol =200 mg/kg; δ- tocotrienol = 1.2 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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LABORATORIO ESPECIALIZADO - PMB 2014
MFAQ, Sociedad Rectora
del Mercado de Futuros
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- Sterol Composition:
PNT-RT-06
Cholesterol=0,1 %; Brassicasterol=0,2%;Campesterol=11 ;
Stigmasterol=12%; Beta-Sitosterol=42%
Delta-5-Avenasterol=1,8%; Delta-7-Stigmasterol=1,9%;Delta-7-Avenasterol=2,8%; Others=7,4,00 mg/kg
- Moisture & volatile matter= 0,04
- Iodine: 99,73 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: 33
- Lovibond 5 ¼" cell red: 3,5
- 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	0,16%
-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	0,04%
Oleic, Linoleic and Linolenic Trans Isomers	0,68%
(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 - MFBG 2914
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St. Quirze del Vallès 09/03/2020
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 739

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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