

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. 21_351

ANALYSIS CERTIFICATE

St. Quirze del Vallès 28/06/2021
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 977 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)..... 1.6. meq/Kg
PNT-RT-20
- *Fatty Acid Composition (Quantitative %):
RCEE 2568/91 A-X in force

Lauric.....	0.01%
Myristic.....	0.22%
Palmitic.....	20.67%
Palmitoleic.....	0.14%
Heptadecanoic.....	0.03%
Heptadecenoic.....	0.01%
Stearic.....	2.97%
Oleic.....	40.44%
Linoleic.....	31.81%
Linolenic.....	1.62%
Arachidic.....	0.86%
Eicosenoic.....	0.44%
Behenic.....	0.28%
Erucic.....	0.04%
Lignoceric.....	0.45%
- 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 =204 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 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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- 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-Stigmasterol=1,8%; Delta-7-Avenasterol=2,6%; Others=7,4,00 mg/kg
- Moisture & volatile matter= 0,03
- Iodine: 90 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: 3,1
- 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	0,67%
(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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SAMPLE DESCRIPTION: RICE BRAN OIL , Ref. LOT 977

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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