



RICE BRAN OIL / bulk

TECHNICAL SPECIFICATION

Product: Rice Bran oil

Ingredients: 100% Rice Bran oil

Chemical and physical characteristics:

Parameter	Value	Unit
Colour: absorption spectrophotometry with hexane solution 1:1 (Salari Law)	Max 0,2 Max 0,1	Abs. 420 nm Abs. 453 nm
Refractive index	1,4680 – 1,4740 1,4626 – 1,4686	25°C 40°C
Acid value*	Max 0,3	% Oleic acid
Peroxide value*	Max 1,50	meqO ₂ /kg
pH	Neutral	
Density	0,912 - 0,920	g/cm ³
Iodine value	90 – 110	g iodine /100g
Saponifiable value	Max 10	Ppm
Insaponifiable value	4,5	%
Water and volatile matter	Max 0,10	%
γ-Oryzanol	Min 4000	ppm
Additives, Allergens	Absent	
Preservatives, coloring	Absent	
GMO	Absent	
Heavy Metals		
Leads	max 0,2	ppm
Cadmium	max 0,1	ppm
Aflatoxins		
B1	max 2,0	ppb
B1+B2+G1+G2	max 4,0	ppb
Ocratossina A	max 3,0	ppb
Zearalenone	max 75	ppb
DON	max 750	ppb

* the analysis are made during the packaging.

Organoleptic evaluation:

Parameter	Value	Unit	Method
Appearance	Clear	-	Visual evaluation
Colour	Light yellow	-	Visual evaluation
Odour and flavour	Typical	-	Organoleptic evaluation



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Nutritional information (average value per 100g of product):

Parametri	Valore	Unità
Energy value	900/3700	kcal/kJ
Proteins	0	g
Carbohydrates	0	g
Fats		
Saturated	15,0	g
Mono- insaturated	44,0	g
Poli-insaturated	36,0	g
Di cui Ω 3	1	g
Di cui Ω 6	35	g
Di cui Ω 9	43	g

Fatty acids composition (GLC ISO 5508):

Fatty Acids	Min	Max	Unit
Miristic acid	-	0,5	%
Pentadecanoic acid	-	0,2	%
Palmitic acid	14,0	23,0	%
Palmitoleic acid	-	0,4	%
Heptadecaenoic acid	-	0,1	%
Heptadecenoic acid	-	0,1	%
Stearic acid	1,0	3,0	%
Oleic acid	30,0	48,0	%
Linoleic acid	28,0	48,0	%
Linolenic acid	-	3,0	%
Arichidic acid	-	1,0	%
Eicosenoic acid	-	1,5	%
Behenic acid	-	1,0	%
Lignoceric acid	-	0,5	%

Shelf life and storage condition:

12 months from production date; store in a cool and dry place

Packing information:

920 kg Mini Tank
On pallet EPAL