



RICE BRAN OIL

TECHNICAL SPECIFICATION

Product: Rice Bran oil

Ingredients: 100% Rice Bran oil

Chemical and physical characteristics:

Parameter	Value	Unit
Colour	Max 4.0 R	Lovibond 5.25"
Cold test	1.0	hr
Acid value	Max 0,40	mg KOH/g
Peroxide value	Max 1,50	meqO ₂ /kg
FFA (in Oleic Acid)	Max 1,50	%
pH	Neutral	
Density	0,910 - 0,920	g/cm ³
Water and volatile matter	Max 0,10	%
Iodine value	92 – 115	CG iodine /g
Saponifiable value	180 – 195	mg KOH/g
Flash point	315	°C
Melting point	4	°C
Additives, Allergens	Absent	
γ-Oryzanol	Min 2500	ppm
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

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	16,0	g
Mono- insaturated	46,0	g
Poli-insaturated	38,0	g

Fatty acids composition (GLC ISO 5508):

Fatty Acids	Min	Max	Unit
Miristic acid	-	0,4	%
Palmitic acid	12,0	22,0	%
Palmitoleic acid	-	0,4	%
Heptadecaenoic acid	-	-	%
Stearic acid	1,0	2,6	%
Oleic acid	30,0	45,0	%
Linoleic acid	32,0	50,0	%
Linolenic acid	1,0	3,0	%
Arichidic acid	-	1,0	%
Eicosenoic acid	-	1,0	%
Behenic acid	-	-	%
Lignoceric acid	-	-	%

Shelf life and storage condition:

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

Packing information:

Piece		
Dimension	Net Weight	Packaging
Diameter 58 cm; Length 89cm	190 kg	epoxy-coated steel drum