



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Rice Bran Oil

(Oryza sativa)

BATCH NUMBER 071025-1
PRODUCT NAME (UE) ORGANIC RICE BRAN OIL COLD PRESSED
INCI NAME (UE) ORYZA SATIVA BRAN OIL
INCI NAME (US) ORYZA SATIVA (RICE) BRAN OIL
CAS NUMBER 68553-81-1 84696-37-7
EINECS NUMBER 271-397-8

	U.M.	TEST METHODS	RANGE	ANALYTICAL RESULT
Physical status at 25 °C	/	Visual	Liquid	Conform
Colour	/	Visual	Orange-Red	Conform
Acid value	mg KOH/g	AOCS Cd3d - 63	≤ 1.0	0.29
Peroxide value	meq/Kg	AOCS Cd8 - 53	≤ 15.0	0.28
Density at 25°C	g/cc	ASTM D1298-85	0.910 – 0.920	0.912
Refractive Index (at 40°C)	/	AOCS Tp1a-64	1.460 – 1.472	1.467
Saponification value	mg KOH/g	AOCS Cd3d - 25	180.0 – 200.0	186.0
Fatty acids composition % (GLC)				
Palmitic acid	C16:0		10.0 – 25.0	20.6
Stearic acid	C18:0		≤ 5.0	3.1
Oleic acid	C18:1		35.0 – 60.0	43.4
Linoleic acid	C18:2		25.0 – 40.0	29.5
Alpha-Linolenic acid	C18:3		≤ 2.0	≤ 2.0
Arachidic acid	C20:0		≤ 2.0	≤ 2.0
Eicosenoic acid	C20:1		≤ 1.0	≤ 1.0
Behenic acid	C22:0		≤ 1.0	≤ 1.0

Storage and packing: the product must be kept into the original packages, protected from light, moisture, properly closed, cool and dry. Once opened the shelf life of the oil is limited by temperature and light and oxygen exposure. It's possible to extend the validity of the oil by re-analysing some parameters.