

TECHNICAL DATA SHEET

Product Name	RICE BRAN OIL
Botanical Name	Oryza sativa
Product Code	PCO4075
CAS #	68553-81-1 ; 84696-37-7
EINECS #	271-397-8
INCI Name	Oryza sativa (Rice) Bran Oil

Part Used	Bran
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Golden yellow to brown colored liquid
Odour	Characteristic odour
Refractive Index	1.468 - 1.473 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	180 - 195
Peroxide Value (meq O₂/kg)	Less than 2.0
Iodine Value (g I₂/100g)	92 - 110
Free Fatty Acids (% oleic)	Less than 0.5
Acid Value (mgKOH/g)	Less than 1.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	16.00 – 25.00
Stearic Acid	C18:0	0.50 – 3.50
Oleic Acid	C18:1 (n-9)	35.00 – 50.00
Linoleic Acid	C18:2 (n-6)	25.00 – 40.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 3.0

As it is electronically generated document, hence no signature required.

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