



PRODUCT SPECIFICATION

Product Name	Rice Bran Oil				
Date	08/07/2016	Product Code	WHC078	Rev	4
Reason for Revision	Updated to suppliers specification				

Description	Oil obtained by expeller pressing from the bran of ' <i>Oryza sativa</i> ' chemically refined, bleached, and deodorized			
Appearance	Clear Yellowish Oil			
Odour	Typical			
Customs Tariff Number	15 15 90 60			
Origin	USA			
INCI Name	<i>Oryza sativa</i>			
EINECS Number	271-397-8			
CAS Number	68553-81-1	EC Number	-	

TEST SPECIFICATION

Analytical Test	Method	Specification Range
FFA. (Oleic acid) %	EP 7 (2.5.1.)	Max. 1,0
Peroxide Value (meqO ₂ /kg)	EP 7 (2.5.5.)	Max 8,0
Specific gravity (20°C) gr/cm ³	EP 7 (2.2.5.)	0,910-0,920
Refractive index (20°C) nr	EP 7 (2.2.6.)	1,470-1,473
Colour y/r	Lovibond 5¼"	Max. 30/2,3
Iodine Value grI ₂ /100gr	EP 7 (2.5.4.)	98-108
Saponification Value mgKOH/g	EP 7 (2.5.6.)	180-192
Unsaponifiable matter %	EP 7 (2.5.7.)	Max. 5,0
Oryzanol mg/kg	-	Min. 400
Solubility	-	Insoluble in water, soluble in vegetable oil
Shelf life	Lab re-check	18 Months from production date

TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	EP 7 (2.4.22.)	12,0- 18,0
C16:1 Palmitoleic Acid %	EP 7 (2.4.22.)	Max. 0,5
C18:0 Stearic Acid %	EP 7 (2.4.22.)	0,5 -4,0
C18:1 Oleic Acid %	EP 7 (2.4.22.)	35,0- 50,0
C18:2 Linoleic Acid %	EP 7 (2.4.22.)	29,0-45,0
C18:3 Linolenic Acid %	EP 7 (2.4.22.)	Max 3,0
C20:0 Arachidic Acid %	EP 7 (2.4.22.)	Max. 1,2
C20:1 Eicosenoic Acid %	EP 7 (2.4.22.)	Max. 1,0

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C22:0 Behenic Acid %	EP 7 (2.4.22.)	Max. 0,5
C24:0 Lignoceric Acid %	EP 7 (2.4.22.)	Max. 0,38

STORAGE/SHELF LIFE

Min. 18 Months from production date when stored in closed containers protected from light.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.

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