

Oat Lipid e Specification

Parameter	Specification
Appearance:	Yellow/brown liquid
Odour:	Natural Oat
Peroxide Value:	NMT 12 mEq/ kg Fat
Free Fatty Acids % oleic:	NMT 5g/100g
Lipid Class Composition (% Total Lipid)	
Total Neutral Lipids:	83 to 95%
<i>Of which</i>	
Triacylglycerols:	NLT 51%
Cholesterol/Sterols/Sterol Esters:	NLT 9%
Polar Lipids:	5 to 16%
<i>Of which</i>	
Glycolipids (MGDG & DGDG):	NLT 1%
Ceramides:	NLT 1%
Phosphatidylcholine (PC): Phosphatidylethanolamine (PE):	NLT 0.5%
Fatty Acid Composition (% Fatty Acids)	
Total Saturated:	16.0 to 17.5%
Total Monounsaturated:	41.0 to 47.5%
<i>Of which</i>	
C18:1 Oleic:	39.7 to 42.9%
Total Polyunsaturated:	37.2 to 41.5%
<i>Of which</i>	
Omega 6 Fatty Acids:	NLT 36%
Omega 3 Fatty Acids:	NLT 1.0%
Others	
Saponification Value:	185 to 200
Unsaponifiable Matter:	NMT 3g/100g
Vitamin E: Tocotrienol & Tocopherol	NLT 400ppm
Gluten Immunoassay (R-Biopharm ELISA):	NMT 20mg/kg (Gluten Free)
Microbial	
Total Aerobic Count @ 30°C:	NMT 10 cfu g/ml
Counts of yeast and moulds (in product with Aw NLT 0.95):	NMT 10 cfu g/ml

NMT: Not more than. NLT: Not less than

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