

AvenaPLex

Provisional Specification**

Parameter	Specification
Appearance	Yellow/brown viscous liquid
Odour	Natural oat
Peroxide Value	NMT 12 mEq/ kg Fat
Free Fatty Acids % oleic	NMT 8/100g
<u>Polar Lipids</u>	
Total Polar Lipids	NLT 40.0% of total lipid
Ceramide	NLT 4.0% of total lipid
Phosphatidylethanolamine	NLT 2.8% of total lipid
Phosphatidylinositol	NLT 3.5% of total lipid
Phosphatidylcholine	NLT 4.3% of total lipid
Phosphatidic acid/Phosphatidylglycerol/cardiolipin	NLT 1.0% of total lipid
DGDG and MGDG	NLT 9.0% of total lipid
<u>Neutral Lipid</u>	
Triacylglycerols	NLT 25% of total lipid
Cholesterol/Sterols	NLT 5% of total lipid
<u>Fatty Acid Composition (% Fatty Acids)</u>	
Total Saturated	NLT 18.0%
Total Monounsaturated	NLT 38.0%
Total PUFA	NLT 40.0%
<u>Others</u>	
Saponification Value	185 to 200
Unsaponifiable Matter	NMT 3g/100g
Vitamin E: Tocotrienol & Tocopherol	NLT 350ppm
Gluten Immunoassay (R-Biopharm ELISA)	NMT 20mg/kg (Gluten Free)
<u>Microbial</u>	
Total Aerobic Count @ 300C	NMT 10 cfu g/ml
Counts of yeast and moulds (in product with Aw NLT 0.95)	NMT 10 cfu g/ml

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***Provisional' specifications are issued for the first five batches of new products. This enables time to learn about the operating envelope of natural products and fine tune parameters if required.*

OS1950A SPECIFICATION MANAGEMENT
DOCUMENT CONTROL INFORMATION
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