

# AvenaPLex Specification\*

Parameter	Specification
Appearance	Yellow/brown viscous liquid
Odour	Natural Oat
Peroxide Value	NMT 12 mEq/ kg Fat
Free Fatty Acids % oleic	NMT 12/100g
<b><u>Polar Lipids</u></b>	
Total Polar Lipids	NLT 40.0%
Ceramide	NLT 4.0%
Phosphatidylethanolamine / Phosphatidylcholine	NLT 6.0%
Phosphatidylinositol	NLT 2.5%
Phosphatidic acid/Phosphatidylglycerol / cardiolipin	NLT 1.0%
Glycolipids (DGDG and MGDG)	NLT 9.0%
<b><u>Neutral Lipid</u></b>	
Total Neutral Lipids	NLT 40.0%
Triacylglycerols	NLT 20.0%
Cholesterol / Sterols / Sterol Esters	NLT 5.0%
<b><u>Fatty Acid Composition (% Fatty Acids)</u></b>	
Total Saturated	NLT 18.0%
Total Monounsaturated	NLT 30.0%
Total PUFA	NLT 40.0%
<b><u>Others</u></b>	
Vitamin E: Tocotrienol & Tocopherol	NLT 350.0 ppm
Gluten Immunoassay (R-Biopharm ELISA)	NMT 20.0 mg/kg (Gluten Free)
<b><u>Microbial</u></b>	
Total Aerobic Count at 30 C	NMT 10.0 cfu g/ml
Counts of yeast and moulds (in product with Aw NLT 0.95)	NMT 10.0 cfu g/ml

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*\*Specifications for natural products are liable to some variations due to seasonality of the oat crop.  
This document may be updated to enable Oat Cosmetics to alter parameters if necessary.*

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