

# Virgin Poppy Seed Oil Specification

Parameter	Specification
Appearance:	Clear yellow liquid
Odour:	Natural odour
Peroxide Value:	NMT 10mEq/kg Fat
Free Fatty Acids % oleic:	NMT 10g/100g
<b>Lipid Class Composition (% Total Lipid)</b>	
Total Neutral Lipids:	97 to 99%
<i>Of which</i>	
Triacylglycerols:	NLT 65%
Cholesterol/Sterols/Sterol Esters:	NLT 6%
<b>Fatty Acid Composition (% Fatty Acids)</b>	
Total Saturated:	11 to 14%
<i>Of which</i>	
C16:0 Palmitic	7.5 to 11.5%
C18:0 Stearic	1.5 to 4%
Total Monounsaturated:	16 to 25.5%
<i>Of which</i>	
C18:1 Oleic	12 to 23%
Total Polyunsaturated:	60 to 75%
<i>Of which</i>	
C18:2 Linoleic Acid	60 to 75%
<b>Others</b>	
Saponification Value:	185 to 205
Unsaponifiable Matter:	NMT 3g/100g
Vitamin E: Tocotrienol & Tocopherol	NLT 200ppm

NMT: Not more than. NLT: Not less than

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<u>Microbial</u>	
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

**STORAGE CONDITIONS:** The product should be stored in unopened drums out of direct sunlight at a temperature of between 15 and 25 degrees celsius. The product should be fit for use until the date of expiry given provided that they are stored under these recommended conditions. Oat Services Ltd will not be responsible for product deterioration once drums are opened and in use. It is recommended that partially used drums should be purged with nitrogen in order to reduce the onset oxidation.

OS1950A SPECIFICATION MANAGEMENT  
DOCUMENT CONTROL INFORMATION  
REVISION No: 3 ISSUE DATE: 14 February 2018  
AUTHORISED BY: V Sherwood

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