

Quality Parameters - Rapeseed Oil TSK-OIL007

	Min	Max
Free Fatty Acid %		0.10
Peroxide Value meqO ₂ /kg		1.0
Colour Red, Lovibond 5.25"		1.5
Phosphorous mg/kg		5.0
Moisture Content %		0.05
Iodine Value gI ₂ /100g	105	126

Fatty Acid Composition	Max	Typical
Saturated Fatty Acids (SAFA) %		7
Mono-unsaturated Fatty Acids (MUFA) %		63
Polyunsaturated Fatty Acids (PUFA) %		29
Trans Fatty Acids (TFA) %	1.5	1

Fatty Acid Composition: UoM	Typical Value
C 14:0 – Myristic acid %	ND - 0.2
C 16:0 – Palmitic acid %	2.5 - 7.0
C 16:1 – Palmitoleic acid %	ND - 0.6
C 18:0 – Stearic acid %	0.8 - 3.0
C 18:1 – Oleic acid %	51.0 - 70.0
C 18:2 – Linoleic acid %	15.0 - 30.0
C 18:3 – (Alpha) Linolenic acid %	5.0 - 14.0
C 20:0 – Arachidic acid %	0.2 – 1.2
C 20:1 – Eicosenoic (Gadoleic) acid %	0.1 – 4.3
C 22:0 – Behenic acid %	ND – 0.6
C 22:1 – Erucic acid %	Nd – 2.0
C 24:0 – Lignoceric acid %	ND – 0.3