

Specification

Product Name:	Oat Oil Unrefined TSK-OIL016		
INCI Name:	Avena Sativa Kernel Oil		
Description:	Avena Sativa Kernel Oil is the fixed oil expressed from the kernels of the Oat, <i>Avena sativa L., Poaceae</i> .		
CAS No:	84012-26-0	EC No:	281-672-4

Analytical Test	Specification
Appearance:	Clear oily liquid, golden amber.
Odour:	Characteristic.
Specific Gravity @ 20°C (g/ml)	0.910 – 0.930
Refractive Index @ 20°C	1.460 – 1.480
Acid value (mgKOH/g)	≤ 10.0
Iodine value (mg/g)	120 – 140
Peroxide value (Meq/kg)	≤ 10.0 (at time of production analysis)
Fatty Acid Profile (%)	
C16:0 Palmitic Acid	11.0 – 20.0
C16:1 Palmitoleic Acid	≤ 1.0
C18:0 Stearic Acid	0.0 – 3.6
C18:1 Oleic Acid	12.0 – 38.0
C 18:2 Linoleic Acid	40.0 – 60.0
C 18:3 Linolenic Acid	4.0 – 10.0
C 20:0 Arachidic Acid	≤ 1.0
C 20:1 Eicosenoic Acid	≤ 2.0
Storage	Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.
Stability	When stored for more than 24 months, quality should be checked before use.