



Product Specification

PRODUCT	Oat Oil Unrefined				
CODE	WHC814	DATE	29/07/2022	REVISION	5

DESCRIPTION	Avena Sativa Kernel Oil is the fixed oil expressed from the kernels of the Oat, Avena sativa L., Poaceae				
INCI NAME	Avena Sativa Kernel Oil				
CAS NUMBER	84012-26-0	EC NUMBER	281-672-4		

CHARACTERISTICS	
APPEARANCE AT ROOM TEMPERATURE	Liquid
COLOUR	Golden Yellow - Amber
ODOUR	Characteristic

ANALYSIS	
SPECIFIC GRAVITY (g/ml)	0.910 – 0.930 @ 20°C
REFRACTIVE INDEX	1.460 – 1.480 @ 20°C
PEROXIDE VALUE (meq/kg) (AT TIME OF PRODUCTION ANALYSIS)	≤10.0
ACID VALUE (mg KOH/g)	≤10.0
IODINE VALUE (mg/g)	120.0 – 140.0

FATTY ACID PROFILE (%)		
C16:0	PALMITIC ACID	11.0 – 20.0
C16:1	PALMITOLEIC ACID	≤1.0
C18:0	STEARIC ACID	≤3.6
C18:1	OLEIC ACID	12.0 – 38.0
C18:2	LINOLEIC ACID	40.0 – 60.0
C18:3	LINOLENIC ACID	4.00 – 10.0
C20:0	ARACHIDIC ACID	≤1.0
C20:1	EICOSENOIC ACID	≤2.0

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.