

**Intertek Caleb Brett Nederland is a full member of FOSFA and we are competent to conduct FOSFA contractual analysis on Oilseeds, Oils and Fats**

<b>VEGETABLE OILS AND FATS</b>	<b>Method</b>
Acidity	BS 684
Ash	ISO 749/ 6885
Breaktest Gardner	AOCS Ca 10-40
Carotene Test	BS 684 P 2.20
Cloud Point	BS 684 P 1.5
Colour Lovibond, Gardner, F.A.C.	BS 684 P 1.14
Colour F.A.C.	AOCS Cc-13a-43
Colour Gardner	AOCS Td 1a-64
C 16 (Palmitine Acid *)	ISO 5508
Density Pycnometer	ISO 6883
Erucic Acid Content *)	ISO 5508
Ester Value (incl. Sap. Value and Acidity)	NEN 6339
Fatty Acid Composition	ISO 5508
Flash Point	FOSFA
Free Fatty Acids	BS 660/ 684 P 2.10
GLC Analyses of Methyl Esters of -Fatty Acids incl. Preparation	
Impurities below 0.05%	ISO 663
Impurities over 0.05%	ISO 663
Iodine Value	AOCS Cd 1d
Lecithine calculated as/from Phosphor	IUPAC 2.423
Melting Point	ISO 6321
Metals:	
- Copper, Iron, Lead, Nickel	ICP
-Per Metal	
Moisture and Volatile	ISO 662/665
Nitrogen	ISO 5983
Peroxide Value	ISO 3960
Phosphorus	ICP
Polyethylene	ISO 6656
Refractive Index	ISO 6320
Saponifiable Matter (including Soap, -Total Dirt, Unsaponifiable Matter, Water)	BS 684 P 2.15
Saponification Value	ISO 3657
Sea Water Contamination	FOSFA
Sediments (Foots)	ISO 150
Sediments (P.A.T.)	ISO 150
Smoke Point	BS 684
Soap in Oil	BS 684/ FOSFA
Titre Fatty Acid	ISO 935
Titre Oil / Fat	ISO 935
Total Dirt	BS 684
Total Fatty Matter ( including Ash, -Impurities, Water)	BS 684 P 2.4
Unsaponifiable Matter	ISO 3596-1
U.V. Absorbance	ISO 3656
Water Karl Fischer	BS 684 P 2.1
Water	ISO 934
F.F.A. + Water + Impurities	

