

SPECIFICATION

BRAND NAME : **ZONqs-117**
PRODUCT NAME : **Triglycerides, Medium chain EP-10**

TESTS	LIMIT
Appearance	A colourless or slightly yellowish oily liquid
Solubility	Practically insoluble in water, miscible with ethanol (96%), with methylene chloride, with light petroleum and with fatty oils.
Relative density	About 0.95
Refractive Index	About 1.446
Identification	
A. Iodine value	Maximum 1.0 (gl2/100g)
B. Saponification value	310 to 360 mgKOH/g
C. Composition of fatty acid	Should comply
D. Viscosity	25 m Pa.s to 33 m Pa.s
Appearance	The substance to be examined is clear and not more intensely coloured than reference solution Y3
Alkaline impurity	N.M.T. 0.15 ml of 0.01 Hydrochloric acid is required
Viscosity at 20°C	25 – 33 mPa.s
Acid value	Maximum 0.2 mgKOH/g
Hydroxyl value	Maximum 10 mgKOH/g
Peroxide value	Maximum 1.0 (mEq/Kg)
Water	Maximum 0.2%
Sulphated ash	Maximum 0.1%
Composition of fatty acid (Gas Chromatography)	
Caproic acid	Maximum 2.0 %
Caprylic acid	50.0 % to 80.0 %
Capric acid	20.0 % to 50.0 %
Lauric acid	Maximum 3.0 %
Myristic acid	Maximum 1.0 max
Fatty acids of chain length greater than or equal to C16	Maximum 1.0 %