



SPECIFICATION

BRAND NAME : ZONqs-117
PRODUCT NAME : Medium chain triglycerides (MCT OIL) (USP43-NF38)

TESTS	LIMITS
Identification	A. Fatty acid composition
Appearance	The sample is clear and not more intensely colored than standard solution
Alkaline impurity	NMT 0.15 ml of 0.01 N hydrochloric acid
Specific gravity at 20°C	0.93 to 0.96
Viscosity at 20°C	25 – 33 mPa.s
Acid value	NMT 0.2 mgKOH/g
Hydroxyl value	NMT 10 mgKOH/g
Iodine value	NMT 1.0 (gI ₂ /100g)
Peroxide value	NMT 1.0 (mEq/Kg)
Water	NMT 0.2%
Total ash	NMT 0.1%
Fatty Acid composition (GC)	
Caproic acid	2.0 % max
Caprylic acid	50.0% to 80.0 %
Capric acid	20.0 % to 50.0 %
Lauric acid	3.0 % max
Myristic acid	1.0 % max
Impurities (ICP -MS)	(Note: Use below test for medium chain triglyceride intended for use in parenteral nutrition.)
Chromium	NMT 0.05 ppm
Copper	NMT 0.1 ppm
Lead	NMT 0.1 ppm
Nickel	NMT 0.1 ppm
Tin	NMT 0.1 ppm