



SPECIFICATION

BRAND NAME : ZONutra-117
PRODUCT NAME : Medium chain triglycerides (MCT OIL)

TEST	REQUIREMENT
Appearance (Clarity)	Clear
Appearance (Form)	Liquid
Taste and Odour	Bland without any odour
Acid value (mg KOH/g)	0.2
Hydroxyl Value (mg KOH/g)	10 max
Cloud points (deg C)	-5 Max
Specific gravity @ 20 deg c	0.93 - 0.96
Iodine value (gl2/100g)	1 max
Peroxide value (mEq/Kg)	1 max
Heavy metals (ppm)	10 max
Refractive Index @ 20 deg c	1.440 - 1.452
Water content (%w/w)	0.2 max
Saponification value (mgKOH/g)	325 - 345
Total Ash %	0.1 max
Unsaponifiable Matter %	0.5 max
Dynamic viscosity (mPa.s at 20 deg c)	25 - 33
Colour , APHA	60 Max
Sulphated ash %	0.1
Alkaline impurities (mL HCl 0.01M)	0.15 ml Max
Fatty Acid Distribution (wt. %) (Gas Chromatography)	
C6	0.5 Max
C8	50 - 65
C10	30 - 50
C12	2 Max
C14	0.5 Max