

## SPECIFICATION SHEET

### MCT COCONUT BASED USP/NF

Characteristics	Specifications	USP Monograph
Appearance	Clear, light-yellow liquid	Clear, light-yellow liquid
Taste	Characteristic	Characteristic
Color APHA	50 max	-
Acid Value, mg KOH / g	0.1 max.	(401) 0.2 max.
Moisture %	0.1 max.	(921) 0.2 max.
Hydroxyl Value, mg KOH/g	5 max.	10 max.
Refractive Index	1.439-1.459	1.440-1.452
Peroxide Value, mEq/kg	1 max	(401) 1.0 max.
Saponification Value, mg KOH/g	300 – 350	(401) 310-360
Iodine Value, g I <sub>2</sub> /100g	0.5 max.	1.0 max
Viscosity mPas (20°C)	25 – 33	25 – 33
Unsaponifiable Matter, %m/m	0.50 max.	0.5%
Total Ash, %	0.10 max.	0.1%
Alkaline Impurities, HCL titration, as mL HCL	0.15 max.	0.15 max.
Specific Gravity @ 20°C	0.93 – 0.96	(841) 0.93-0.96
Fatty Acid Composition, %		
C6	2 max.	<= 2.0
C8	55 – 70	50.0 – 80.0
C10	29 – 45	20.0 – 50.0
C12	3 max.	<= 3.0
C14	<1.0	<=1.0

**Quality Approved**  
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