

TECHNICAL DATA SHEET

Product: MCT 60/40 coconut based

ANALYSIS	SPECIFICATION	ANALYSIS TEST METHOD
Acid value	< 0,1 mg KOH/g	DGF C-V 2
Saponification value	325-345 mg KOH/g	DGF C-V 3
Iodine value	< 0,5 g I/100g	DGF C-V 11d
Hydroxyl value	< 5 mg KOH/g	Ph. Eur. 2.5.3
Colour Hazen	< 60	DGF C-IV 4
Water content	< 0,1 %	DGF C-III 13a
Fatty acid C06	< 0,5 %	Ph. Eur. 2.4.22
Fatty acid C08	55 - 65 %	Ph. Eur. 2.4.22
Fatty acid C10	35 - 45 %	Ph. Eur. 2.4.22
Fatty acid C12	< 1,5 %	Ph. Eur. 2.4.22
Fatty acid C14	< 0,5 %	Ph. Eur. 2.4.22
Odour	characteristic	AAWBAN401071
Taste	corresponds	AAWBAN401071
Identity	corresponds	Ph. Eur. Monographie
Clearness of liquids	clear liquid	Ph. Eur. 2.2.1
Opalescence of liquids	corresponds	Ph. Eur. 2.2.2
Cloud point	< -5°C	DGF D-III 3
Peroxide value	< 1,0 meq O ₂ /kg	DGF C-VI 6a
Unsaponifiables	< 0,5 %	DGF C-III 1a
Ash	< 0,1 %	Ph. Eur. 2.4.16
Refractive index	1,440 - 1,452	DGF C-IV 5
Alkal. reac. subst.	< 0,15 ml	Ph. Eur. Monographie
Density 20°C	0,93 - 0,96 g/cm ³	DGF C-IV 2a
Viscosity 20°C	25 - 32 mPas	DGF C-IV 7B
Heavy metals	<10 ppm	Ph. Eur. 2.4.8
Chromium	< 0,05 ppm	Ph. Eur. 2.2.23
Copper	< 0,1 ppm	Ph. Eur. 2.2.23
Lead	< 0,1 ppm	Ph. Eur. 2.2.23
Nickel	< 0,1 ppm	Ph. Eur. 2.2.23
Tin	< 0,1 ppm	Ph. Eur. 2.2.23
3-MCPD	< 1,25 ppm	DGF C-VI 18 (10)
Glycidyl	< 1,00 ppm	DGF C-VI 18 (10)

OBSERVATIONS

Not to be recorded on COA (guaranteed but not determined for each batch):

- Chromium, Copper, Lead, Nickel, Tin (these values are tested yearly).
- Cloud point, Peroxide value, Unsaponifiables, Refractive index, Density, Alkal. reac. subst., Ash, Viscosity, Heavy metals (these values are tested monthly).

Storage: Below 25°C in a dry place in original, tightly closed containers, protected from light and moisture Shelf life: 2 years

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