



## MCT 60/40 Product Datasheet

Item number: 60-122

### Specification of MCT 60/40

Characteristic	Inspection Method	Unit	Specified Range
Acid value	DGF C-V 2	mg KOH/g	<= 0,1
Saponification value	DGF C-V 3	mg KOH/g	325 - 345
Iodine value	DGF C-V 11d	g I/100g	<= 0,5
Hydroxyl value	Ph. Eur. 2.5.3	mg KOH/g	<= 5
Colour APHA	DGF C-IV 4		<= 60
Water content	DGF C-III 13a	%	<= 0,1
Fatty acid C06	Ph. Eur. 2.4.22	%	<= 0,5
Fatty acid C08	Ph. Eur. 2.4.22	%	55 - 65
Fatty acid C10	Ph. Eur. 2.4.22	%	35 - 45
Fatty acid C12	Ph. Eur. 2.4.22	%	<= 1,5
Fatty acid C14	Ph. Eur. 2.4.22	%	<= 0,5
Odour	AAWBAN401071		neutral
Taste	AAWBAN401071		typical
Identity	Ph. Eur. Monographie		corresponds
Clearness of liquids	Ph. Eur. 2.2.1		corresponds
Opalescence of liquids	Ph. Eur. 2.2.2		corresponds
Cloud point	DGF D-III 3	°C	<= -5
Peroxide value	DGF C-VI 6a	meq O2/kg	<= 1
Unsaponifiables	DGF C-III 1a	%	<= 0,5
Ash	Ph. Eur. 2.4.16	%	<= 0,1
Refractive index	DGF C-IV 5		1,440 - 1,452
Alkal. reac. subst.	Ph. Eur. Monographie	ml	<= 0,15
Density 20°C	DGF C-IV 2a	g/cm <sup>3</sup>	0,93 - 0,96
Viscosity 20°C	DGF C-IV 7b	mPas	25 - 32
Heavy metals	Ph. Eur. 2.4.8	ppm	<= 10
Chromium	Ph. Eur. 2.2.23	ppm	<= 0,05
Copper	Ph. Eur. 2.2.23	ppm	<= 0,1
Lead	Ph. Eur. 2.2.23	ppm	<= 0,1
Nickel	Ph. Eur. 2.2.23	ppm	<= 0,1
Tin	Ph. Eur. 2.2.23	ppm	<= 0,1

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

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



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