

PRODUCT SPECIFICATION

Specification No./Spezifikationsnummer: PS00034_00

Product Name Produktname	CremerCOOR® MCT 70/30 CremerCOOR® MCT 70/30
Chemical Identification Chemische Bezeichnung	Medium chain triglycerides Mittelkettiges Triglycerid
Appearance Aussehen	Clear liquid klare Flüssigkeit
CAS-No	73398-61-5
EINECS No	277-452-2

Produced by Prignitzer Chemie GmbH & Co. KG

Chemical Properties Merkmale	Unit Einheit	Specific Range Spezifizierte Grenzwerte	Analytical Method Analytische Methode
Recorded on CofA			
Identification / Identifikation		Pass	EP Monograph Test method B, C
Appearance of solution / Aussehen der Substanz		Clear liquid	EP 2.2.1, EP 2.2.2
Colour APHA / Farbe APHA		≤ 60	ISO 6271
Odour / Geruch		Neutral	SPA 71
Flavour / Geschmack		Bland	SPA 71
Acid value / Säurezahl	mg KOH/g	≤ 0,1	DGF C-V 2
Saponification value / Verseifungszahl	mg KOH/g	335 – 360	ISO 3657
Hydroxyl value / Hydroxylzahl	mg KOH/g	≤ 5	EP 2.5.3 method A
Iodine value / Iodzahl	g I/100 g	≤ 0,5	DGF C-V 11b
Moisture by KF / Wasser nach KF	%	≤ 0,1	AOCS Ca 2e-84
Chain distribution / Kettenlängenverteilung			DGF C-VI 10a
C 6	%	≤ 2	
C 8	%	65 – 75	
C 10	%	25 – 35	
C 12	%	≤ 1	

Prignitzer Chemie GmbH & Co. KG

Cremer Care
Inspired by nature.

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Chemical Properties Merkmale	Unit Einheit	Specific Range Spezifizierte Grenzwerte	Analytical Method Analytische Methode
Not to be recorded on CofA (guaranteed but not determined for each batch)			
Cloud point / Trübungspunkt	°C	≤ -5	AOCS Cc 6-25
Peroxide value / Peroxidzahl	meq O ₂ /kg	≤ 1	EP 2.5.5 method A
Unsaponifiable matter / Unverseifbares	%	≤ 0,5	AOCS Ca 6a-40
Total ash / Asche	%	≤ 0,1	EP 2.4.16
Refractive index nD 20 / Brechungsindex		1,440 – 1,452	DGF C-IV 5
Alkaline Impurities / Alkalisches reagierende Substanzen	ml 0,01 N HCL	≤ 0,15	EP Monograph test
Relative density / relative Dichte (20°C)	g/cm ³	0,91 – 0,94	DGF C-IV 2a
Viscosity / Viskosität (20°C)	mPA ▪ s	26 – 33	DGF C-IV 7
Heavy metals / Schwermetalle (non P. Nutrition Grade)	ppm	≤ 10	EP 2.4.8 method D
Chromium / Chrom	ppm	≤ 0,05	EP 2.2.23 method II
Copper / Kupfer	ppm	≤ 0,1	EP 2.2.23 method II
Lead / Blei	ppm	≤ 0,1	EP 2.2.23 method II
Nickel / Nickel	ppm	≤ 0,1	EP 2.2.23 method II
Tin / Zinn	ppm	≤ 0,1	EP 2.2.23 method II

Version Date (Revisionsdatum): 01.02.2012

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