

SYNATIVE AL S

Composition

Lauryl- /Myristylalcohol

Technical Data

Item	Value	Method / Remarks
Appearance:	Colourless, liquid / solid	
Water Content:	max. 0,1 %	ISO 760
Solidification Range:	17 - 23 °C	DIN ISO 3841
Acid Value:	max. 0,1	ISO 660
Iodine Value:	max. 0,3	DGF C-V 11b
Hydroxyl Value:	285 - 293	DGF C-V 17a
Saponification Value:	max. 0,5	ISO 3657
Color: APHA	max. 10	DIN ISO 6271
C-Chain distribution - Range	[%]	Method / Remarks
C10	0 - 2	Cognis Q-C 2931.0
C12	70 - 75	
C14	24 - 30	
C16	0 - 2	

Quality Control Data

(These data are used for quality release and are certified for each batch.)

Item	Value	Method / Remarks
Water Content:	max. 0,1 %	ISO 760
Acid Value:	max. 0,1	ISO 660
Hydroxyl Value:	285 - 293	DGF C-V 17a
Saponification Value:	max. 0,5	ISO 3657
C-Chain distribution - Range	[%]	Method / Remarks
C10	0 - 2	Cognis Q-C 2931.0
C12	70 - 75	
C14	24 - 30	
C16	0 - 2	

Additional Specifications

(Guaranteed specification values which are not determined on a regular basis.)

Item	Value	Method / Remark
Solidification Range:	17 - 23 °C	DIN ISO 3841
Iodine Value:	max. 0,3	DGF C-V 11b
Color: APHA	max. 10	DIN ISO 6271

Additional Technical Data

Density (DIN 51757) at 30 °C	0,820 - 0,830	g/cm ³
Boiling range (DIN 51751)	255 - 305	°C
Flash point (DIN 51758)	ca. 140	°C
Viscosity Ubbelohde (DIN 51562 T1-99) at 40° C	12.789	mm ² /se c
Refractive index (DGF C IV 5 (52)) at 40° C	1.4381	

Storage information

In refined steel tank (e. g. material-no. 1.4571) **SYNATIVE AL S** can be stored below 40 °C for approx. 3 weeks without changing the specification.

In sealed original drums **SYNATIVE AL S** can be stored below solidification temperature for at least 2 years.

Revision-No.

1.1-04.2004 Effective April 27, 2004

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