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Typical Product Specifications & Properties

Lauric Acid 652

CAS Number: : 143-07-7

Specifications	Limits
Density	0.833
Slightly Soluble	oil odor
Melting Point	44 c
Acid Value, mg KOH/g	277.0 - 281.0
Unsaponifiable Matter	0.25%
Lauric Acid (C12)	99%
Caprylic Acid (C8)	Trace
Color % Trans@ 550 nm	98% Min.
Typical Fatty Acid Composition	
Saponification Value	278 - 282
Titer, °C	43.0 Min.
Iodine Value	0.2 Max.



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Specifications	Limits
Myristic Acid (C14)	0.7%
Capric Acid (C10)	0.3%
Color % Trans@ 440 nm	90% Min.
Insolubility	in water
Vapor Pressure	1 mm (121 c)
Refractive Index	1.4323 (45 c)
Molecular weight	200.36
Color	colorless needles
Solubility	benzene, chloroform, alcohol, ether, petrol. ether
Boiling Point	225 c (100 mm)



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