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Typical Product Specifications & Properties

Lauric Acid

CAS Number: : 143-07-7

Specifications	Limits
Density	0.833
Slightly Soluble	oil odor
C12	99 Min
C 14	0.5 Max
Color, APHA; ASTM D 1209	Max Lovibond 5 ¼" : 1.5 Yellow, 0.3 Red
Acid Value, mg KOH/g	278 -282
C10	0.5 Max
Iodine Value of Glycerides	0.2 Max
Fatty Acids (C16)	
Titer	43 - 44
Saponification Value	279 - 283
Vapor Pressure	1 mm (121 c)



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Specifications	Limits
Insolubility	in water
Refractive Index	1.4323 (45 c)
Melting Point	44 c
Color	colorless needles
Molecular weight	200.36
Solubility	benzene, chloroform, alcohol, ether, petrol. ether
Boiling Point	225 c (100 mm)
Chemical Structure	 <chem>CCCCCCCCCCCC(=O)O</chem> parchem fine & specialty chemicals



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