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Typical Product Specifications & Properties

Myristic Acid

CAS Number: : 544-63-8

Specifications	Limits
Density	0.8739 (80 c)
Practically Insoluble	in water
C12	1 % Max
C 16	0.5 % Max
Acid Value, mg KOH/g	244 - 248
Iodine Value of Glycerides	0.8 Max
Titer	52 - 54
Color, APHA; ASTM D 1209	Max, Lovibond 5 ¼" : 1.5 Yellow, 0.6 Red
Fatty Acids (C16)	
Saponification Value	245 - 249
C 14	99 % Min
Odor	faint odor



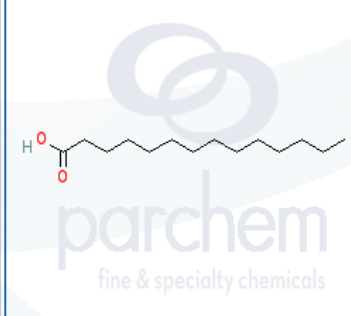
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Specifications	Limits
Melting Point	54.5 c
Molecular weight	228.36
Flash Point	230 f
Solubility	acetone, alcohol, benzene, chloroform, ether, aromatic and chlorinated solvs.
Boiling Point	326.2 c
Chemical Structure	 <p>Chemical structure of dodecanoic acid (C₁₂H₂₄O₂) is shown, along with the Parchem logo and name.</p>



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