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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
Appearance	white to pale yellow waxy crystalline powder
Water Content	<0.20%
Melting Point	53.00 to 56.00 °C. @ 760.00 mm Hg
Boiling Point	250.00 °C. @ 100.00 mm Hg
Boiling Point	242.00 to 249.00 °C. @ 760.00 mm Hg
Molecular weight	228.36
Saponification Value	242.00 to 251.00
Unsaponifiable Matter	<1.00%
logP (o/w)	5.79
Odor	Faint, waxy and fatty with a hint of pineapple and citrus peel



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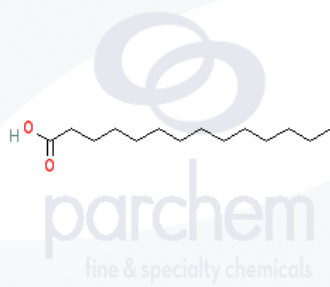
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Specifications	Limits
Odor Type	waxy
Assay	98.00 to 100.00 % sum of isomers
Chemical Structure	
Congealing point	48.00 to 55.00 °C
Vapor Density	>1
Flash Point	> 230.00 °F.TCC
Taste	Waxy, fatty, soapy, creamy, cheesy, with a good mouth
Solubility	acetone, alcohol, benzene, chloroform, ether, aromatic and chlorinated solvs.



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