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Typical Product Specifications & Properties

Palmitic Acid

CAS Number: : 57-10-3

Specifications	Limits
Density	0.853 (624 c)
Slightly Soluble	in cold alcohol, petrol. ether
Iodine Value	0.5 Max
Color % Trans@ 440 nm	93 Min (95 Min @550nm)
C 14	2
C 16	95.5
C 18	2
Fatty Acid composition (%)	Typical Fatty Acid Composition (%)
Acid Value, mg KOH/g	217- 222
Saponification Value	208 - 222
Color, Gardner	1 Max
Insolubility	in water



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Specifications	Limits
Refractive Index	1.4273 (80 c)
Odor	wh. cryst. scales, sl. char. odortaste
Melting Point	63-64 c
Molecular weight	256.42
Solubility	hot alcohol, ether, propyl alcohol, chloroform, oxygenated, aromatic, and chlorinated solvs.
Boiling Point	215 c (15 mm)
Chemical Structure	 



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