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## Typical Product Specifications & Properties

# Methyl Laurate

CAS Number: : 111-82-0

Specifications	Limits
Density	0.8702 (204 c)
Appearance	colorless to pale yellow clear liquid
Assay	98.00 to 100.00 %
Pounds/Gallon	7.206 to 7.223
Refractive Index	1.43200 to 1.43400 @ 20.00 °C
Melting Point	4.00 to 5.00 °C. @ 760.00 mm Hg
Boiling Point	148.00 °C. @ 18.00 mm Hg
Boiling Point	261.00 to 262.00 °C. @ 760.00 mm Hg
Congealing point	2.50 °C
Saponification Value	124.00 to 126.00
Vapor Pressure	0.010500 mm/Hg @ 25.00 °C
logP (o/w)	5.49



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Specifications	Limits
Odor Type	waxy
Odor	Waxy, soapy, creamy, coconut, with mushroom nuances
Taste	Waxy, creamy, fatty with soapy, coconut nuances
Specific gravity	0.86600 to 0.86800 @ 25.00 °C
Acid Value	1.00 max. KOH/g
Flash Point	> 230.00 °F.TCC
Insolubility	in water
Molecular weight	214.35
Chemical Structure	



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