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Typical Product Specifications & Properties

Diethyl Malonate

CAS Number: : 105-53-3

Specifications	Limits
Density	1.055 (204 c)
Specific gravity	1.05300 to 1.05600 @ 25.00 °C
Refractive Index	1.41300 to 1.41600 @ 20.00 °C
Vapor Density	5.52
Assay	99.00 to 100.00 %
logP (o/w)	0.96
Shelf Life	24 month(s) or longer if stored properly
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor	Sweet, green, apple and fruity
Appearance	colorless clear liquid
Taste	Sweet and fruity with apple and pineapple nuances
Melting Point	-51.00 to -50.00 °C. @ 760.00 mm Hg



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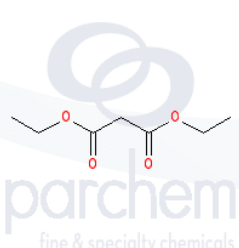


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Specifications	Limits
Pounds/Gallon	8.762 to 8.787
Boiling Point	199.00 to 200.00 °C. @ 760.00 mm Hg
Boiling Point	82.00 to 83.00 °C. @ 11.00 mm Hg
Acid Value	1.00 max. KOH/g
Vapor Pressure	0.269000 mm/Hg @ 25.00 °C
Flash Point	212.00 °F.TCC
Odor Type	fruity
Insolubility	in glycerin, min. oil
Molecular weight	160.17
Color	colorless liquid
Solubility	50 ml in water
Chemical Structure	 parchem fine & specialty chemicals



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