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Typical Product Specifications & Properties

methyl butyrate

CAS Number: : 623-42-7

Specifications	Limits
Density	0.898 (204 c)
Assay	98.00 to 100.00 %
Specific gravity	0.89300 to 0.89900 @ 25.00 °C
Pounds/Gallon	7.431 to 7.481
Boiling Point	33.00 to 34.00 °C. @ 50.00 mm Hg
Acid Value	1.00 max. KOH/g
Flash Point	53.00 °F.TCC
logP (o/w)	1.24
Odor Type	fruity
Boiling Point	102.00 to 103.00 °C. @ 760.00 mm Hg
Vapor Density	3.5
Taste	Impacting, fusel, fruity and estry with a cultured dairy, acidic depth



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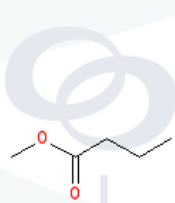

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Specifications	Limits
Appearance	colorless clear liquid
Refractive Index	1.38500 to 1.39000 @ 20.00 °C
Vapor Pressure	31.100000 mm/Hg @ 25.00 °C
Odor	Pungent, etherial, fruity, perfumey and fusel with a fermented, cultured, creamy undertone
Melting Point	-95 c
Molecular weight	102.14
Color	colorless liquid
Solubility	about 60 parts water
Chemical Structure	 <p>The chemical structure shows an ester group (CH₃-O-C(=O)-) bonded to a propyl chain (-CH₂-CH₂-CH₃).</p> 



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