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## Typical Product Specifications & Properties

# isoamyl butyrate

CAS Number: : 106-27-4

Specifications	Limits
Density	0.860
Slightly Soluble	in water
Appearance	colorless clear liquid
Assay	99.00 to 100.00 %
Specific gravity	0.86000 to 0.86800 @ 25.00 °C
Pounds/Gallon	7.156 to 7.223
Boiling Point	184.00 to 185.00 °C. @ 760.00 mm Hg
Acid Value	0.10 max. KOH/g
Vapor Density	5.5
logP (o/w)	3.25
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



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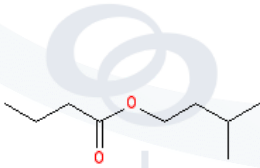
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Specifications	Limits
Odor	Fruity, sweet estry, green, tropical, apple and melon-like with tutti frutti notes
Taste	Waxy, green apple, fruity, sweet estry, melon and berry notes
Refractive Index	1.40900 to 1.41300 @ 20.00 °C
Flash Point	135.00 °F.TCC
Vapor Pressure	0.950000 mm/Hg @ 20.00 °C
Odor Type	fruity
Insolubility	in glycerin, propylene glycol
Molecular weight	158.24
Color	colorless liquid
Solubility	alcohol, fixed oils, most org. solvs.
Chemical Structure	 <p>The chemical structure shows an ester group (CH<sub>3</sub>-CH<sub>2</sub>-C(=O)-O-) attached to a 2-methylbutyl chain (-CH<sub>2</sub>-CH(CH<sub>3</sub>)-CH<sub>2</sub>-CH<sub>3</sub>). The parchem logo and tagline are also present below the structure.</p>



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