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## Typical Product Specifications & Properties

# ethyl propionate

CAS Number: : 105-37-3

Specifications	Limits
Density	0.890 (204 c)
Surface Tension	24.27 dynescm
Dielectric Constant	5.65
Auto/Self Ignition Temperature	temp. 440 c
Specific gravity	0.88600 to 0.88900 @ 25.00 °C
Pounds/Gallon	7.372 to 7.397
Boiling Point	98.00 to 100.00 °C. @ 760.00 mm Hg
Vapor Density	3.52
logP (o/w)	1.21
Odor	Sweet, ethereal, rummy, grape, winey and fermented with an egnog nuance
Taste	Ethereal, fruity, sweet, winey, bubble gum, apple and grape nuances
Refractive Index	1.38300 to 1.38500 @ 20.00 °C



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Specifications	Limits
Melting Point	-74.00 to -73.00 °C. @ 760.00 mm Hg
Vapor Pressure	35.900000 mm/Hg @ 25.00 °C
Shelf Life	24 month(s) or longer if stored properly
Boiling Point	31.00 to 32.00 °C. @ 50.00 mm Hg
Odor Type	fruity
Appearance	colorless clear liquid
Assay	97.00 to 100.00 %
Acid Value	2.00 max. KOH/g
Flash Point	54.00 °F.TCC
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Molecular weight	102.14
Color	colorless liquid



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Specifications	Limits
Solubility	fixed oils, most org. solvs.

Specifications	Limits
Chemical Structure	



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