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## Typical Product Specifications & Properties

# (E)-3-hexenoic acid

CAS Number: : 1577-18-0

Specifications	Limits
Appearance	colorless to pale yellow clear liquid
Specific gravity	0.95300 to 0.96100 @ 25.00 °C
Pounds/Gallon	7.930 to 7.996
Refractive Index	1.43500 to 1.44300 @ 20.00 °C
Flash Point	230.00 °F.TCC
Odor	Cheesy, green, dairy-like with a waxy fruity nuance
Taste	Green, dairy-like with a vegetable and melon nuance
Vapor Pressure	0.083100 mm/Hg @ 25.00 °C
Assay	97.00 to 100.00 %
Melting Point	11.00 to 12.00 °C. @ 760.00 mm Hg
Boiling Point	118.00 to 119.00 °C. @ 22.00 mm Hg
Boiling Point	81.00 to 92.00 °C. @ 2.00 mm Hg



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Specifications	Limits
Vapor Density	>1
logP (o/w)	1.60
Odor Type	cheesy
Insolubility	in water
Molecular weight	114.14
Color	colorless to pale yellow liquid
Solubility	most org. solvs.
Chemical Structure	<p>Chemical structure diagram showing a carboxylic acid group (H-O-C=O) attached to a five-carbon chain with a double bond between the second and third carbons. The structure is labeled with 'H' and 'O' atoms. The Parchem logo is overlaid on the structure.</p>



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