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## Typical Product Specifications & Properties

# 4-methyl-2-oxovaleric acid

CAS Number: : 816-66-0

Specifications	Limits
Appearance	pale yellow green clear liquid
Assay	98.00 to 100.00 %
Specific gravity	1.05300 to 1.05800 @ 25.00 °C
Pounds/Gallon	8.762 to 8.804
Melting Point	8.00 to 10.00 °C. @ 760.00 mm Hg
Boiling Point	82.00 to 83.00 °C. @ 11.00 mm Hg
Vapor Pressure	0.239000 mm/Hg @ 25.00 °C
Flash Point	182.00 °F.TCC
logP (o/w)	0.17
Shelf Life	12 month(s) or longer if stored properly
Storage	refrigerate in tightly sealed containers
Odor Type	fruity



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Specifications	Limits
Odor	fruity
Refractive Index	1.43200 to 1.44200 @ 20.00 °C
Chemical Structure	<p>Chemical structure of 3-methylbutanoic acid (<chem>CC(C)CC(=O)O</chem>) is shown, along with the Parchem logo and 'fine &amp; specialty chemicals' text.</p>



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