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Typical Product Specifications & Properties

phenyl acetaldehyde dimethyl acetal

CAS Number: : 101-48-4

Specifications	Limits
Density	1.000-1.006
Specific gravity	1.00000 to 1.00600 @ 25.00 °C
Pounds/Gallon	8.321 to 8.371
Refractive Index	1.49200 to 1.49800 @ 20.00 °C
Appearance	colorless clear liquid
Vapor Pressure	0.556000 mm/Hg @ 25.00 °C
logP (o/w)	2.07
Shelf Life	24.00 month(s) or longer if stored properly
Odor Type	green
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Assay	95.00 to 100.00 %
Boiling Point	219.00 to 221.00 °C. @ 754.00 mm Hg



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Specifications	Limits
Flash Point	187.00 °F.TCC
Odor	green foliage floral rosy earthy mushroom
Halogens	Chlorine free
Acid Value	1.00 max. KOH/g
Insolubility	in glycerin
Molecular weight	166.24
Color	colorless to pale yellow clear liquid
Solubility	fixed oils, propylene glycol
Chemical Structure	<p>Chemical structure diagram showing a benzene ring attached to a propylene glycol chain. The structure is labeled with the Parchem logo and 'fine & specialty chemicals'.</p>



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