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Typical Product Specifications & Properties

3-phenyl propionaldehyde

CAS Number: : 104-53-0

Specifications	Limits
Density	1.010-1.020
Appearance	colorless to pale yellow clear viscous liquid
Equivalence Factor for Assay	69.09
Halogens	Chlorine free
Acid Value	10.00 max. KOH/g
Vapor Pressure	0.131000 mm/Hg @ 25.00 °C
Odor	Green, aldehydic, floral and melon
logP (o/w)	2.04
Odor Type	green
Pounds/Gallon	8.379 to 8.446
Boiling Point	97.00 to 98.00 °C. @ 12.00 mm Hg
Boiling Point	104.00 to 105.00 °C. @ 13.00 mm Hg



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Specifications	Limits
Flash Point	203.00 °F.TCC
Taste	Green, melon, fruity and citrus
Assay	95.00 to 100.00 %
Specific gravity	1.00700 to 1.01500 @ 25.00 °C
Refractive Index	1.51900 to 1.52300 @ 20.00 °C
Insolubility	in water
Molecular weight	134.19
Color	colorless to slightly yellow liquid
Chemical Structure	



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