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Typical Product Specifications & Properties

Propionic Acid

CAS Number: : 79-09-4

Specifications	Limits
Density	0.998 (154 c)
Surface Tension	n 27.21 dynescm (15 c)
Viscosity	1.020 cp (15 c)
Water Content	0.09% Max
Aldehydes (as Benzaldehyde)	To pass
Nonvolatile Residue	0.01% Max.
Lead	0.5 mg/kg Max.
readily Oxidizable substance	To pass
Specific gravity	0.993 - 0.997
Purity	98.7% Min.
Assay (% on dry basis) - HPLC	99.5 - 100.5%
Vapor Pressure	10 mm (39.7 c)



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Specifications	Limits
Odor	oily liq., sl. pungent rancid odor
Melting Point	-21.5 c
Refractive Index	1.3862
Molecular weight	74.09
Flash Point	(oc) 58 c
Boiling Point	141. c
Chemical Structure	<p>Chemical structure diagram showing a propyl propanoate molecule (SMILES: <chem>CCC(=O)OCC</chem>) with the Parchem logo and 'fine & specialty chemicals' text overlaid.</p>



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