

Glycolic Acid - 70% Technical Solution

Technical Sales Specification (Last Reviewed: April 18, 2023)

Product Name: Glycolic Acid - 70% Technical Solution; Glycolic Acid - 70% Technical Grade

Product Specification Number: 1300 0000 5166

CAS Number: 79-14-1

Sales Property	Limits	Typical Value	Test Method
Total Acid, as Glycolic (% wt)	70.0-72.0	70.2-71.5	H7000.005.02.BE
Formic Acid (% wt)	<1.0	0.3-0.8	H7000.160.01.BE
Sulfates, as SO ₄ (ppm)	≤800	10-552	H7000.200.02.BE
Color (Gardner)	≤3	<2	H7000.065.01.BE
Turbidity (ntu)	≤6.0	<3.0	H7000.523.01.BE
Filterable Solids	None	Pass	H7000.285.01.BE
Appearance	A clear, colorless liquid with a mild odor resembling burnt sugar that is visibly free of suspended matter.		

Physical Property	Typical Value
Molecular Weight	76.05
Physical State	Liquid
pH, at 25 °C (77 °F)	0.1
Viscosity, at 25 °C (77 °F), Dynamic cP	6.9
Supersaturation [°C (°F)]	10 (50)
Density at 23°C (73 °F), g/mL	1.26

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