



Cole-Parmer Instrument Company

Product Specification

Chemical Name: Acetic Acid, Glacial, ACS

Chemical Formula: CH₃COOH

Catalog #: 89000-01

F.W.: 60.05

CAS: 64-19-7

Density: 1.0510 kg/L

| Item | Specification |
|----------------------------------|-------------------------|
| Appearance | Clear, colorless liquid |
| Assay (CHCOOH) | 99.7% min. |
| Color (APHA) | 10 max. |
| Dilution test | To pass test |
| Residue after evaporation | 0.001% max. |
| Acetic anhydride [(CHCO)O] | 0.01% max. |
| Chloride (Cl) | 1 ppm max. |
| Sulfate (SO) | 1 ppm max. |
| Heavy metals (as Pb) | 0.5 ppm max. |
| Iron (Fe) | 0.2 ppm max. |
| Substances reducing dichromate | To pass test |
| Substances reducing permanganate | To pass test |
| Titration base | 0.0004 meq/g max. |

The above are the specification ranges and limits set for this product.