



Specifications for Acetic Acid

| Parameter | Value |
|----------------------------------|-------------------------|
| Molecular Formula | C2H4O2 |
| Mol Wt | 60.05 |
| CAS # | [64-19-7] |
| Description | Clear colourless liquid |
| Sp gravity @ 27/27 deg cel | 1.044 – 1.049 |
| Boiling range in deg cel | 117 - 119 |
| Crystallization point in deg cel | 15.7 min |
| Flash point in deg cel | 40 |
| Assay (%) | 99.5 min |
| ROE in ppm | 100 max |
| Chlorine content in ppm | 15 max |
| Formic acid (%) | 0.15 max |
| Acetaldehyde in ppm | 500 max |
| Water (%) | 0.2 max |

Uses:

| Industry | Application |
|---------------------------|---|
| Textile | In mfr of PTA In textile processing In mfr of cellulose acetates and acetate rayons |
| Polymer | In mfr of VAM In plastic tanning |
| Process and Manufacturing | In mfr of acetate salts |
| Pharma | In mfr of drugs and drug intermediates |
| Agrochemicals | In mfr of pesticides |
| Rubber | In rubber tanning |
| Detergent | As laundry sour |
| Food | Acidulant and preservative |