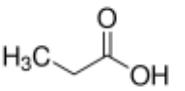
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# Product Specification

Product Name:
Propionic acid – ACS reagent, ≥99.5%

| | |
|---|---|
| **Product Number:** | **402907** |
| CAS Number: | 79-09-4 |
| MDL: | MFCD00002756 |
| Formula: | C3H6O2 |
| Formula Weight: | 74.08 g/mol |




| TEST | Specification |
|---|---|
| Appearance (Color) | Colorless |
| Appearance (Form) | Liquid |
| Infrared spectrum | Conforms to Structure |
| Purity (Titration by NAOH) | ≥ 99.50 % |
| Water (by Karl Fischer) | ≤ 0.15 % |
| Color Test | ≤ 20 APHA |
| Residue on Evaporation | ≤ 0.01 % |
| Carbonyl compounds | ≤ 0.002 % |
| Heavy Metal (as Lead) | ≤ 0.001 % |
| Reducing Substances | ≤ 0.10 % |
| Meets ACS Requirements | Current ACS Specification |

Specification: PRD.0.ZQ5.10000075076

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.