

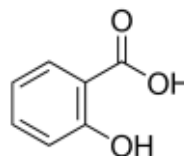
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## Product Specification

Product Name:  
Salicylic acid - ACS reagent, ≥99.0%

Product Number: 247588  
CAS Number: 69-72-7  
MDL: MFCD00002439  
Formula: C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>  
Formula Weight: 138.12 g/mol



| TEST   | Specification             |
|--|---------------------------|
| Appearance (Color)                                       | White                     |
| Appearance (Form)  | Powder or Crystals        |
| Infrared spectrum  | Conforms to Structure     |
| Purity (HPLC)  | ≥ 99.0 %                  |
| Melting Point  | 158.0 - 161.0 °C          |
| Residue on ignition (Ash)                                | ≤ 0.01 %                  |
| Chloride Content   | ≤ 0.001 %                 |
| Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> ) | Pass                      |
| Iron (Fe)  | ≤ 2 ppm                   |
| Heavy Metals (as Lead)                                   | ≤ 5 ppm                   |
| Sulfate (SO <sub>4</sub> )                               | ≤ 0.003 %                 |
| Meets ACS Requirements                                   | Current ACS Specification |
| Recommended Retest Period                                | -----                     |
| 4 Years  |                           |

Specification: PRD.1.ZQ5.10000014001

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](http://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.