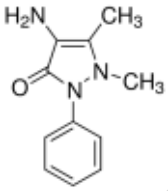
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# Product Specification

Product Name:
4-Aminoantipyrine - for spectrophotometric det. of $H_2O_2$ and phenols, ≥98.0%

**Product Number:** **06800**
CAS Number: 83-07-8

Formula: C11H13N3O
Formula Weight: 203,24 g/mol



| TEST | Specification |
|---|---|
| Appearance (Color) | White to Light Yellow |
| Appearance (Form) | Powder or Crystals |
| Titration with HClO4 | 98.0 - 102.0 % |
| Purity (TLC) | ≥ 98.0 % |
| Melting Point | 108 - 110 °C |
| Solubility (Color) | Colorless to Dark Yellow and Colorless to Dark Green-Yellow |
| Solubility (Turbidity) | Clear to Slightly Hazy |
| 1g in 10ml Water | |
| Loss on Drying | ≤ 2.0 % |
| Carbon Content | |
| 65.00 % (Theory) | |
| Hydrogen Content | |
| 6.45 % (Theory) | |
| Nitrogen Content | |
| 20.67 % (Theory) | |
| 1H NMR Spectrum | Conforms to Structure |

Specification: PRE.0.ZQ5.10000024306

DOMINIQUE DUTSCHER SAS

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.