

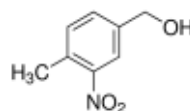
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## Product Specification

Product Name:  
4-Methyl-3-nitrobenzyl alcohol - ≥98%

**Product Number:** 187267  
**CAS Number:** 40870-59-5  
**MDL:** MFCD00007177  
**Formula:** C<sub>8</sub>H<sub>9</sub>NO<sub>3</sub>  
**Formula Weight:** 167.16 g/mol



| TEST | Specification |
|------|---------------|
|------|---------------|

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Appearance (Color)    | Off White to Yellow to Beige                        |
| Appearance (Form)     | Powder or Flake or Crystals or Crystalline Chunk(s) |
| Infrared spectrum     | Conforms to Structure                               |
| Initial Melting Point | ≥ 36.0 °C                                           |
| Final Melting Point   | ≤ 44.0 °C                                           |
| Carbon Content        | 56.3 - 58.6 %                                       |
| Nitrogen Content      | 8.2 - 8.5 %                                         |
| Purity (GC)           | ≥ 98.0 %                                            |

Specification: PRD.3.ZQ5.10000092773

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.