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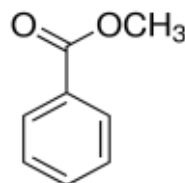
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## Product Specification

Product Name:  
Methyl benzoate - ≥98%, FCC, FG

**Product Number:** W268305  
**CAS Number:** 93-58-3  
**MDL:** MFCD00008421  
**Formula:** C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>  
**Formula Weight:** 136.15 g/mol



| TEST                       | Specification         |
|----------------------------|-----------------------|
| Appearance (Color)         | Colorless             |
| Appearance (Form)          | Liquid                |
| Refractive index at 20 ° C | 1.514 - 1.518         |
| Infrared spectrum          | Conforms to Structure |
| Purity (GC)                | ≥ 98.00 %             |
| Residual Solvent           | ≤ 3000 ppm            |
| Methanol                   |                       |
| Specific Gravity           | 1.082 - 1.088         |
| Acid Value                 | ≤ 1.0 ml              |
| Chlorine Compounds         | Pass                  |
| Solubility (Turbidity)     | Clear                 |
| 1ml/4ml, 60% Ethanol       |                       |
| Solubility (Color)         | Colorless             |
| Arsenic (As)               | ≤ 3 ppm               |
| Cadmium (Cd)               | ≤ 1 ppm               |
| Mercury (Hg)               | ≤ 1 ppm               |
| Lead (Pb)                  | ≤ 10 ppm              |
| Expiration Date Period     | -----                 |
| 5 Years                    |                       |

Specification: PRD.1.ZQ5.10000038335

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.