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## Product Specification

Product Name:  
6-Methylpurine - ≥99%

**Product Number:** M6502  
**CAS Number:** 2004-03-7  
**MDL:** MFCD00083663  
**Formula:** C<sub>6</sub>H<sub>6</sub>N<sub>4</sub>  
**Formula Weight:** 134.14 g/mol  
**Storage Temperature:** -20 °C

TEST	Specification
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Appearance (Color)	White to Light Yellow and White to Light Orange
Appearance (Form)	Powder
Solubility (Color)	Faint Yellow to Dark Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, H <sub>2</sub> O	
EmM	8.2 - 8.6
in 0.1 M phosphate, pH 8.0	
Wavelength	261 - 262 nm
Purity (HPLC)	≥ 99 %
Recommended Retest Period	-----
3 years	

Specification: PRD.2.ZQ5.10000014908

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.