

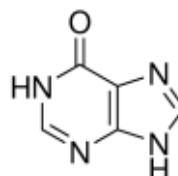
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## Product Specification

Product Name:  
Hypoxanthine - ≥99.0%

Product Number: H9377  
CAS Number: 68-94-0  
MDL: MFCD00005725  
Formula: C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>O  
Formula Weight: 136.11 g/mol



### TEST

### Specification

Appearance (Color)	White to Faint Yellow to Faint Brown
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow to Brown-Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, Formic acid: H <sub>2</sub> O (2:1)	
EmM	10.5 - 11.0
in pH 7.0	
Wavelength	249 - 250 nm
Purity (HPLC)	≥ 99.0 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Recommended Retest Period	-----
4 Years	

Specification: PRD.4.ZQ5.10000035937

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.