

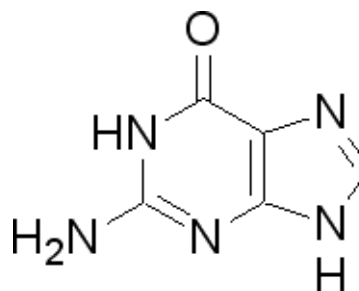
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Product Specification

Product Name:
Guanine - 98%

Product Number: G11950
CAS Number: 73-40-5
MDL: MFCD00071533
Formula: C₅H₅N₅O
Formula Weight: 151.13 g/mol



TEST

Specification

Appearance (Color)	White to Yellow
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Purity (Titration by HCL04)	97.5 - 102.5 %
Purity (HPLC)	≥ 97.5 %
Solubility (Turbidity) c = 25 mg/ml; 5M HCL	Clear to Slightly Hazy
Solubility (Color) Colorless to Light Yellow or Yellow Green	Conforms to Requirements
Recommended Retest Period 3 Years	-----

Remarks:

Reviewing Chemist :

Specification Date : 04/20/2011

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.