

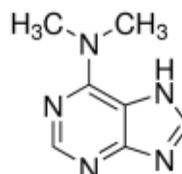
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## Product Specification

Product Name:  
6-(Dimethylamino)purine -  $\geq 98\%$

**Product Number:** D2629  
**CAS Number:** 938-55-6  
**MDL:** MFCD00005573  
**Formula:** C<sub>7</sub>H<sub>9</sub>N<sub>5</sub>  
**Formula Weight:** 163.18 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Proton NMR spectrum	Conforms to Structure
Water (by Karl Fischer)	$\leq 2\%$
Wavelength	276 - 278 nm
EmM Anhydrous in 0.1 M HCl	15.2 - 16.0
Purity (TLC)	$\geq 98\%$
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity) 50 mg/mL, H <sub>2</sub> O	Clear to Hazy

Specification: PRD.2.ZQ5.10000040047

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.