

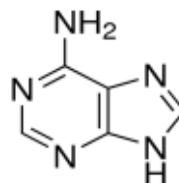
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## Product Specification

Product Name:  
Adenine - BioReagent, suitable for plant cell culture, ≥99%

Product Number: **A5665**  
CAS Number: 73-24-5  
MDL: MFCD00041790  
Formula: C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>  
Formula Weight: 135.13 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
20 mg/mL, 0.5 M HCl	
EmM	12.5 - 13.1
at pH 1.0	
Wavelength	262 - 263 nm
Purity (HPLC)	≥ 99 %
Infrared spectrum	Conforms to Structure
Plant Cell Culture Test	Pass
Recommended Retest Period	-----
4 years	

Specification: PRD.1.ZQ5.10000047727

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.

