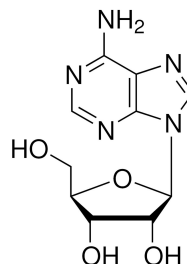


# Certificate of Analysis

**Product Name :** Adenosine BioReagent, suitable for cell culture  
**Product Number :** A4036-5G  
**Batch Number :** 0000468367  
**Source Batch :** SLCM3072  
**CAS Number :** 58-61-7  
**MDL Number :** MFCD00005752  
**Storage Temperature :** Cooler/Refrigerated  
**Molecular Formula :** C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>  
**Formula Weight :** 267.24 g/mol  
**Recommended Retest Date :** May 2027  
**Quality Release Date :** 18 MAY 2022



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, 1M NH <sub>4</sub> OH		
Infrared Spectrum	Conforms to Structure	Conforms
UV/Vis absorbance	14.6 - 15.2	14.8
EmM at pH 7.0		
Wavelength	259 - 260 nm	260 nm
Purity (HPLC)	≥ 99 %	100 %
Cell Culture Test	Pass	Pass

Rebecca Mueller, Sr. Associate QA Specialist

Quality Assurance

St. Louis, Missouri

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

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