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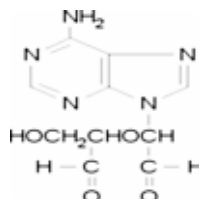
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Adenosine, periodate oxidized - ≥93%

Product Number: A7154
Batch Number: SLBJ2864V
Brand: SIGMA
CAS Number: 34240-05-6
MDL Number: MFCD00056960
Formula: C₁₀H₁₁N₅O₄
Formula Weight: 265.23 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 22 MAR 2014



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml 0.2 M HCl		
Nitrogen (Dry Basis)	25.0 - 27.0 %	26.5 %
Infrared Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 12 %	6 %
2 moles/mole		
Solvent Content (by GC)	≤ 6.5 %	2.5 %
Purity (TLC)	≥ 93 %	96 %
approx 95%		

Rodney Burbach, Manager
Analytical Services
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. 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.