

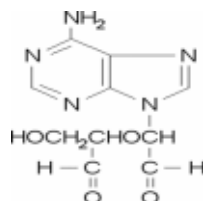
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## Product Specification

Product Name:  
Adenosine, periodate oxidized -  $\geq 93\%$

**Product Number:** A7154  
**CAS Number:** 34240-05-6  
**MDL:** MFCD00056960  
**Formula:** C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>4</sub>  
**Formula Weight:** 265.23 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml 0.2 M HCl	
Nitrogen (dry basis)	24.6 - 28.2 %
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	$\leq 12$ %
Solvent Content (by GC)	$\leq 6.5$ %
Purity (TLC)	$\geq 93$ %

Specification: PRD.2.ZQ5.10000045188

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.