

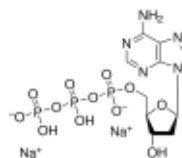
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## Product Specification

Product Name:  
2'-Deoxyadenosine 5'-triphosphate disodium salt - ≥97%

**Product Number:** D6500  
**CAS Number:** 74299-50-6  
**MDL:** MFCD00080335  
**Formula:** C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>12</sub>P<sub>3</sub>  
**Formula Weight:** 535.15 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, H <sub>2</sub> O	
Proton NMR spectrum	Conforms to Structure
% Water	≤ 12
By Karl Fischer	
Sodium (Na) anhydrous	6.5 - 9.5 %
UV (Lambda max)	259 - 260 nm
EmM Anhydrous	14.7 - 15.4
At Lambda Max 259 - 260 at pH 7.0	
% Purity (HPLC)	≥ 97

Specification: PRD.2.ZQ5.10000012395

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.