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Product Specification

Product Name:

Aminoallyl-dUTP sodium salt - ≥85%, lyophilized powder

Product Number:

A0410

CAS Number:

936327-10-5

Formula:

C₁₂H₂₀N₃O₁₄P₃ · xNa⁺

Formula Weight:

523.22 g/mol

Storage Temperature:

-70 °C

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
20 mg/ml, H ₂ O	
% Water	≤ 12
EmM Anhydrous	6.0 - 8.5
in 0.1M Phosphate buffer, pH 7.5	
Lambda Max 280-292 nm (for the anhydrous sodium salt)	
Wavelength	280 - 292 nm
EmM Anhydrous	9.0 - 14.0
in 0.1M Phosphate buffer, pH 7.5	
Lambda Max 230-242 nm (for the anhydrous sodium salt)	
Wavelength	230 - 242 nm
Phosphorus (P) anhydrous	14 - 19 %
for the anhydrous sodium salt	
% Sodium (anhydrous)	9 - 11 %
% Purity (HPLC)	≥ 85
Recommended Retest Period	-----
2 years	

Specification: PRD.0.ZQ5.10000040962

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.