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Product Specification

Product Name:

Uridine 5'-diphospho-N-acetylglucosamine sodium salt - ≥98%

Product Number:**U4375****CAS Number:**

91183-98-1

MDL:

MFCD00799985

Formula:

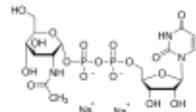
C17H25N3Na2O17P2

Formula Weight:

651.32 g/mol

Storage Temperature:

-20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, H ₂ O	
Water (by Karl Fischer)	≤ 8 %
Solvent Content	≤ 5 %
by GC	
Sodium (Na) Dry Basis	6.7 - 7.4 %
Phosphorus (P) Dry Basis	9.3 - 9.7 %
Purity (HPLC)	≥ 98 %
1H NMR Spectrum	Conforms to Structure

Appearance (Color)

White

Appearance (Form)

Powder

Solubility (Color)

Colorless

Solubility (Turbidity)

Clear to Slightly Hazy

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9.3 - 9.7 %

Purity (HPLC)

≥ 98 %

1H NMR Spectrum

Conforms to Structure

Specification: PRD.2.ZQ5.10000012778

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.