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Product Specification

Product Name:

Uridine 5'-triphosphate tris salt - Type VI, ≥90%

Product Number:

U6875

CAS Number:

108321-53-5

MDL:

MFCD00058360

Formula:

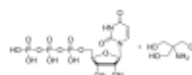
C₉H₁₅N₂O₁₅P₃

Formula Weight:

484.14 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, purified water	
Proton NMR spectrum	Conforms to Structure
mol/mol Tris	2.6 - 3.5
by proton NMR	
Water (by Karl Fischer)	≤ 7.1 %
Solvent Content (by GC)	≤ 5 %
Phosphorus (P)	9.1 - 11.1 %
As is	
Purity (HPLC)	≥ 90 %
EmM	4.6 - 6.0
(based on MW = 484.1)	
in 0.1M phosphate,pH 7.0	
Wavelength	261 - 263 nm

Specification: PRD.2.ZQ5.10000056447

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.