

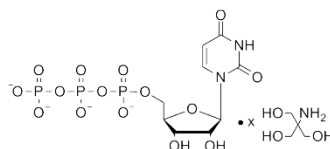
SPECIFICATION SHEET

Product Name: UTP, Tris Solution, GMP-grade (100 mM)
Catalog # US01-B29A

Product Description: SignalChem Diagnostics UTP (uridine-5'-triphosphate) is a GMP-grade nucleoside triphosphate supplied as a 100 mM Tris solution. This product is supplied as a transparent, colorless aqueous solution and is free from DNase and RNase contamination. UTP is an essential nucleotide substrate for RNA synthesis and is suitable for a variety of molecular biology and enzymatic applications, including in vitro transcription, RNA amplification, siRNA synthesis, and other nucleotide-dependent enzymatic reactions.

Specifications:

CAS Number: 63-39-8 (free acid)
 Molecular Formula: $C_9H_{15}N_2O_{15}P_3$ (free acid)
 Molecular Weight: 484.14 g/mol (free acid)
 Purity: $\geq 99\%$
 Content: 100 mM $\pm$ 3 mM
 Structure:



Shipping & Storage: Store at $-25^{\circ}\text{C} \sim -15^{\circ}\text{C}$ for up to 2 years.

Additional Information:

1. Keep the product on ice while in use. Store at -20°C immediately after use.
2. For research use only.
3. Use appropriate personal protective equipment (PPE), such as a laboratory coat and gloves, and follow proper disposal protocols.

Version: 1.0