



Ver. HB240125

UTP Tris Solution GMP-grade (100 mM)

Product description

UTP, Uridine-5'-triphosphate, can be used in a variety of molecular biology applications, such as in vitro transcription, RNA amplification, siRNA synthesis, etc. In addition, UTP is involved in galactose metabolism. The activated form of UDP-galactose is converted to UDP-glucose, which participates in the glycogen synthesis pathway.

This product is a transparent colorless aqueous solution prepared from UTP tris solution, and free from DNase and RNase contamination.

This product is produced in accordance with GMP process requirements and provided in liquid form.

Components

Components No.	Name	10654ES03	10654ES10	10654ES60
10654	UTP Tris Solution GMP-grade (100 mM)	1 mL	10 mL	100 mL

Specifications

CAS No	63-39-8 (free acid)
Formula	C ₉ H ₁₅ N ₂ O ₁₅ P ₃ (free acid)
Molecular weight	484.14 g/mol (free acid)
Purity(HPLC)	≥ 99%
Content	100 mM ± 3 mM
Structure	

Storage

The product should be stored at -25°C ~ -15°C for two years.

Notes

1. Keep on ice while using and return immediately to -20°C after use.
2. For your safety and health, please wear personal protective equipment (PPE), such as laboratory coats and disposable gloves, when operating with this product.