



UTP 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.

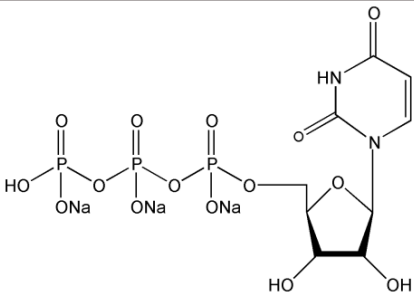
This product is a transparent colorless aqueous solution prepared from UTP trisodium salt, and free from DNase and RNase contamination.

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

Components

Components No.	Name	10131ES03	10131ES08	10131ES25	10131ES76
10131	UTP Solution GMP-grade (100 mM)	1 mL	5 mL	25 mL	500 mL

Specifications

CAS No	63-39-8 (free acid); 19817-92-6 (3Na salt)
Formula	$C_9H_{12}N_2Na_3O_{15}P_3$
Molecular Weight	550.09 g/mol
Purity(HPLC)	$\geq 99\%$
Content	100 mM $\pm$ 3 mM
Structure	

Shipping and Storage

The product is shipped with dry ice and can be stored at $-15^{\circ}\text{C} \sim -25^{\circ}\text{C}$ 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.