

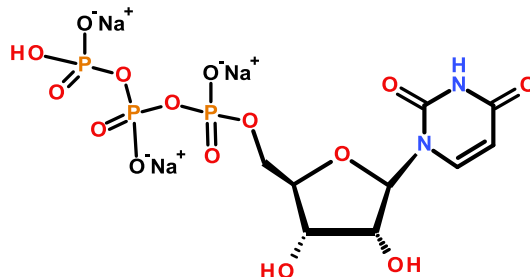
[Jump to Website](#)[Request Quote](#)

Product Specifications

Uridine-5'-Triphosphoric Acid, Trisodium Salt

CAS 19817-92-6, 116295-90-0

Structure:



Mol. Formula
Source

$C_9H_{12}N_2Na_3O_{15}P_3$
Synthetic

Mol. Wt.

550.09

Test

Specification

Appearance	White lyophilized powder
Identity	IR
pH	3.0-5.0
LOD (105 °C, 5h)	≤ 8%
Water (K.F.)	≤ 10%
Assay (spectrophotom.) (dry basis)	≥ 96%
Assay (hplc)	≥ 93.0%
Purity (hplc, area%)	
UTP	≥ 93.0%
UTP+UDP+UMP	≥ 98.0%
Related Substances (hplc, area%)	
UDP	≤ 6.0%
UMP	≤ 0.5%
ATP	≤ 0.5%
Na content (flame photom.)	11.9-12.9%
Cl	≤ 0.1%
Heavy metals (Pb)	≤ 10 ppm
Transmission (430 nm, c=5, w/v H₂O)	≥ 97.0%
Total Microbial Count	≤ 100 CFU/g
Endotoxins (Limulus test)	≤ 0.125 EU/mg

Storage: Maintain in cool, dry containment.