

Specification

Technical Data Sheet

Product Name	Uridine-5'-triphosphate trisodium salt dihydrate (UTP)
Product No	11038928
CAS Number	19817-92-6
Storage Temperature	-15 to -20 °C
Molecular Weight	582.09

Specification

Appearance	White to off-white powder
pH	3.0-7.0
Purity (HPLC)	≥ 90.0%
Appearance of Solution	Clear and colourless
Assay (calculated on the dried basis)	NLT 90.0%
Assay(on dried substance)	≥ 90.0%

Specification

Chlorides	≤ 0.2%
Purity	NLT 90.0%
Residual solvent	≤ 2.0% alcohol
Solubility	Soluble in water and ethanol
Water Content	≤ 15.0%
Water Determination	NMT 15.0%
Identification (IR)	Conforms to structure
Identification (UV)	largest absorption at 262nm
Identification by HPLC	The retention time of the major peak conforms to analytical standard
