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# Specification

## Technical Data Sheet

<b>Product Name</b>	Uridine-5'-triphosphate trisodium salt dihydrate (UTP)
<b>Product No</b>	11038928
<b>CAS Number</b>	19817-92-6
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	550.09

	<b>Specification</b>
<b>Purity (HPLC)</b>	≥ 90.0%
<b>pH</b>	3.0-7.0
<b>Water Content</b>	≤ 15.0%
<b>Residual solvent</b>	≤ 2.0% alcohol
<b>Solubility</b>	Soluble in water and ethanol
<b>Purity</b>	NLT 90.0%
<b>Chlorides</b>	≤ 0.2%
<b>Appearance of Solution</b>	Clear and colourless
<b>Assay(on dried substance)</b>	≥ 90.0%
<b>Appearance</b>	White to off-white powder
<b>Assay (calculated on the dried basis)</b>	NLT 90.0%
<b>Identification (UV)</b>	largest absorption at 262nm
<b>Identification (IR)</b>	Conforms to structure
<b>Identification by HPLC</b>	The retention time of the major peak conforms to analytical standard
<b>Water Determination</b>	NMT 15.0%