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Specification

Technical Data Sheet

Product Name	TRIS Ultrapure (Tris(hydroxymethyl)aminomethane)
Product No	11942384
CAS Number	77-86-1
Storage Temperature	Ambient
Molecular Weight	121.14
	Specification
Melting Point	168.0°C - 172.0°C
Water	<0.2%
Arsenic	1ppm max
Identification	IR conforms
pH	10.0 - 11.5
Loss on Drying	0.5% max
Solubility	Clear, colourless
Assay	99.9% min
Calcium	3ppm max
Iron	5ppm max
Copper	1ppm max
Residue on Ignition	0.1% max
Insoluble Matter	<0.03%
Heavy Metals (Pb)	5ppm max
Chloride	3ppm max
Appearance	White crystalline solid
Colour (20% aq solution)	<5
Identity Ph. Eur	Conforms