

Product: Bis Tris Propane, Ultra BioPure
Catalog Number: B5505

Formula: C₁₁H₂₆N₂O₆
Formula Weight: 282.34
CAS Number: 64431-96-5

SPECIFICATION

Test	Specification
Appearance	White powder.....
Assay (by titration, on dried basis)	NLT 99.0%.....
Tris (by NMR)	NMT 1.0%.....
Solubility (1M solution in water).....	Complete, clear, colorless
Identification (by IR).....	Conforms to structure
Loss on Drying (3 hours @ 105°C)	NMT 1.0%.....
pH (1% solution in water @ 20°C)	10.0 – 12.0.....
UV Absorption (1M @260nm)	NMT 0.10.....
UV Absorption (1M @280nm)	NMT 0.05.....
Residue on Ignition	NMT 0.1%.....
Insoluble Matter	NMT 0.1%.....
Heavy Metals (Lead).....	NMT 5 ppm.....
Iron (Fe)	NMT 5 ppm.....
Endotoxin (0.2% solution in H ₂ O)	NMT 0.1 EU/mL.....
Bioburden	NMT 100 CFU/g

Additional Information

Storage Conditions 15°C to 30°C
Material is of non-animal, non-human origin.