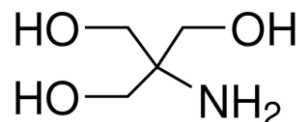


Product Specification

Product Name:

Tris(hydroxymethyl)-aminomethane (TRIS base), *PurBio*, >99.0%

Product No.: PSR48435
Brand: PureSynth
CAS No.: 77-86-1
Molecular Formula: C₄H₁₁NO₃
Molecular Weight: 121.14 g/mol



Test	Specification
Appearance	White crystalline powder
Assay (by titration)	≥ 99.0 %
Solubility (1M in H ₂ O at 20 °C)	Colorless solution
Identification by IR	Conforms to structure
pH (1M in H ₂ O at 20 °C)	10.5 - 12.0
UV Absorption at 260 nm	NMT 0.025
UV Absorption at 280 nm	NMT 0.020
Loss on Drying at 105 °C	NMT 0.500 %
Insoluble Matter	NMT 0.005 %
Aluminium (Al)	NMT 0.0005 %
Arsenic (As)	NMT 0.0001 %
Barium (Ba)	NMT 0.0005 %
Bismuth (Bi)	NMT 0.0005 %
Calcium (Ca)	NMT 0.001 %
Cadmium (Cd)	NMT 0.0005 %
Chromium (Cr)	NMT 0.0005 %
Cobalt (Co)	NMT 0.0005 %
Copper (Cu)	NMT 0.0005 %
Chloride (Cl)	NMT 0.005 %
Iron (Fe)	NMT 0.0005 %
Lithium (Li)	NMT 0.0005 %
Lead (Pb)	NMT 0.0005 %
Magnesium (Mg)	NMT 0.0005 %
Manganese (Mn)	NMT 0.0005 %
Molybdenum (Mo)	NMT 0.0005 %
Nickel (Ni)	NMT 0.0005 %
Potassium (K)	NMT 0.005 %
Sodium (Na)	NMT 0.005 %
Strontium (Sr)	NMT 0.0005 %
Zinc (Zn)	NMT 0.0005 %

Specification: PB-1.0-QA/042

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com