



Certificate of Analysis

Product Name: Tris
Cat #: T-400
CAS #: 77-86-1
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at room temperature.

Test	Specs	Results
Appearance	white crystalline powder	Complies
Solubility (40% in aqueous solution)	Clear, colorless solution	Complies
Absorbance - 280 nm - 400 nm	≤0.07 ≤0.02	Complies Complies
Water Content	≤0.2%	Complies
pH (5% aqueous solution)	10.0-11.5	Complies
Chloride	≤3 ppm	Complies
Heavy Metals	≤5 ppm	Complies
Iron	≤1 ppm	Complies
Melting Point	168.0-171.0°C	Complies
Assay	≥99.5%	Complies
Sulfate	≤10 ppm	Complies
FT-IR Spectrum	Conforms to reference	Complies

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† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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