

Certificate of Analysis

Product Name: TCEP-HCl
Cat #: TCEP
CAS #: 51805-45-9
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at -20°C.

Test	Specs	Results
Appearance	White crystalline solid	White crystalline solid
Assay (by NMR and HPLC)	Over 98%	Over 98%
Melting point	175-178°C	Corresponds
NMR (DMSO-d6)	Free of ammonium chloride	Corresponds
Odor	Typical	Corresponds
Solubility	Soluble in water, DMSO	Corresponds
Protease Activity	None Detected	Complies

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† 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.

Gold Biotechnology, Inc.
 1328 Ashby Rd.
 St. Louis, MO 63132
 P: (314)890-8778
 F: (314)890-0503
 E: contactgoldbio86@goldbio.com