

TECHNICAL DATA SHEET

TCEP·HCl | CAS 51805-45-9

1. Product Identification

Product Name	TCEP·HCl
CAS Number	51805-45-9
Synonyms	TCEP, Tris(2-carboxyethyl)phosphine hydrochloride, Thiol-free reductant
Category	Lab Reagent
Available Grades	LR Grade/≥99%
HSN Code	2931.90

2. Physical & Chemical Properties

Molecular Formula	—
Molecular Weight	—
Appearance	Refer to TDS
Density	N/A
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Solubility	N/A

3. Applications

• Reducing agent (non-volatile) • Protein biochemistry • Bioconjugation • Mass spectrometry sample prep

4. Industries Served

Research, Biotech, Pharma, Mass Spec

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.