

TECHNICAL DATA SHEET

Tris Base (Trisamine) | CAS 77-86-1

1. Product Identification

Product Name	Tris Base (Trisamine)
CAS Number	77-86-1
Synonyms	Tris, TRIS, Trizma base, THAM
Category	Lab Reagent
Available Grades	Technical/99%/LR/AR/Biological Grade/Ultrapure
HSN Code	2922.49

2. Physical & Chemical Properties

Molecular Formula	C ₃ H ₈ N ₃ O
Molecular Weight	121.14
Appearance	Refer to TDS
Density	1352 kg/m ³
Boiling Point	219°C
Melting Point	171-173°C
Flash Point	None
Solubility	Freely soluble

3. Applications

• Biological buffer (pH 7.2-9.0) • DNA/RNA gel electrophoresis • Protein isolation • Western blot

4. Industries Served

Research, Pharma, Biotech, Molecular Biology

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.