

Specification

Technical Data Sheet

CAS 77-86-1	STORAGE Ambient	MOLECULAR WEIGHT 121.14
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PRODUCT**TRIS (Tris(hydroxymethyl)aminomethane), ACS Grade**

Product number	90025403
CAS number	77-86-1
Molecular formula	NH ₂ C(CH ₂ OH) ₃
Molecular weight	121.14 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystalline powder
Assay/Purity	≥99.8%
Grade	ACS Reagent
Heavy metals	≤ 5ppm
Loss on Drying	≤0.5%
Melting Point	168°C to 172°C
pH	(5%aqueous):10.0to11.5
Iron (Fe)	≤1ppm
Residue on Ignition	≤0.1%
Solubility	Clear, colourless
Water (KF)	≤2%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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