



CERTIFICATE OF ANALYSIS

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1. Identification

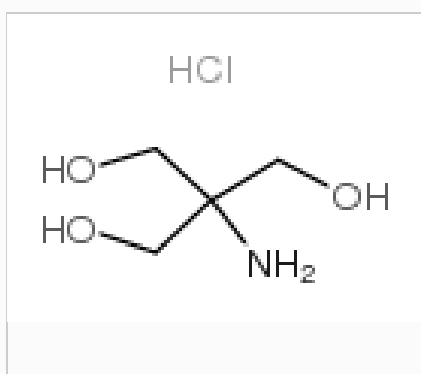
Catalogue Number: T887988

CAS Number: 1185-53-1

Product: Tris Hydrochloride

Synonym: 2-Amino-2-(hydroxymethyl)-1,3-propanediol Hydrochloride; T 6666; Tri(hydroxymethyl)aminomethane Hydrochloride; Tris Chloride; Tris(hydroxymethyl)aminomethane Hydrochloride; Tris-HCl; Tris-hydrochloric Acid; Trizma Hydrochloride; Tromethamine Hydrochloride;

Structure:



Molecular Formula:

$C_4H_{11}NO_3 \cdot HCl$

Molecular weight:

121.14 + (36.46)

Source of Product:

N/A

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 2022-GHZ-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.50, %H: 7.83, %N: 8.88
HPLC Purity	Report Result	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	22.6%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Henry Tieu	Chanell Chu	10/18/2022	10/16/2026

