

Certificate of Analysis

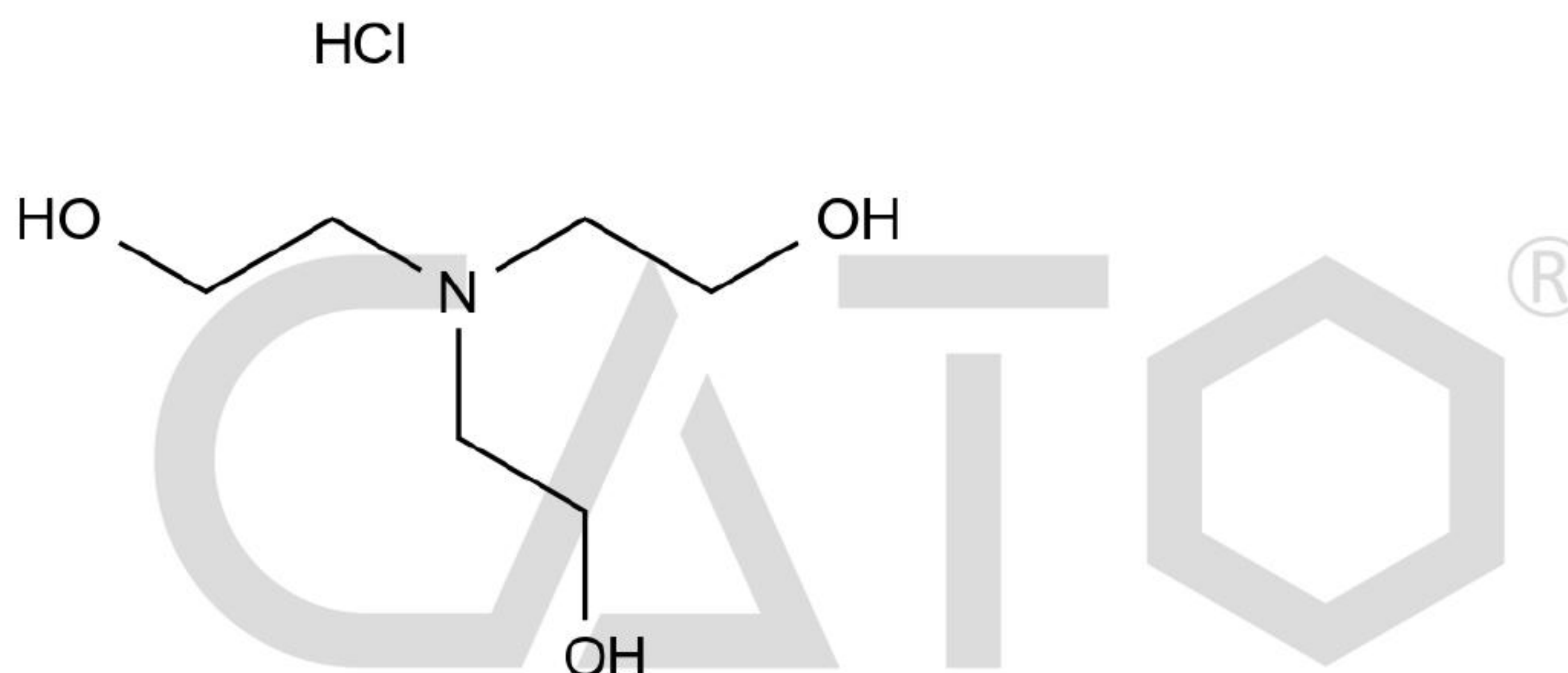
Reference Material & Standard

Product Name:	Triethanolamine Hydrochloride	Catalogue Number:	CCHM705408
Synonyms:	N/A	Lot Number:	0402-RH-0067
CAS Number:	637-39-8	Expiry Date:	Apr 07, 2030
Molecular Formula:	C ₆ H ₁₅ NO ₃ HCl	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	149.19 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.5%
Assay	qNMR	98.3%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 08, 2026

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