

## Certificate of Analysis

### Compound Information

**Product Name:** THAM hydrochloride ( $\geq 99\%$ , for molecular biology)

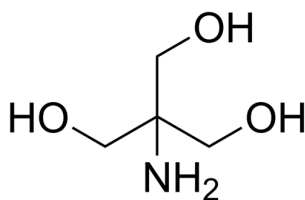
**Cat. No.:** 1272216

**CAS No.:** 1185-53-1

**Molecular Formula:**  $C_4H_{12}ClNO_3$

**Molecular Weight:** 157.60

**Chemical Structure:**



H-Cl

### Batch Information

**Batch No.:** Le1e11505

**Storage:** Storage temp. 2-8°C

**Test Date:** 2021-12-02

**Retest Date:** 2024-12-01

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**$^1H$  NMR Spectrum:** Consistent with structure

**Purity (NMR):**  $\geq 97.0\%$

**Water(KF):** 0.62%

**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

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