

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-19 14:36:10
Date of Next Testing: 2026-08-18 14:36:10
Product Name: **Tris(hydroxymethyl)aminomethane hydrochloride**
CAS Number: 1185-53-1
Specifications & Purity: reagent grade, ≥99%
Lot #: H2212466
SKU #: **T105287**
Analysis: **088086**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Water by Karl Fischer | 0-1 (%) | 0.50 % |
| Purity (Titration by NaOH) | 99-100 (%) | 99.03 % |
| Appearance (T105287) | white crystalline powder | white crystalline powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless, Clear, 200 g plus 300 ml of H ₂ O | pass | Pass |



John Su
QA & QC Manager