

Certificate of Analysis

PRODUCT : Tris (hydroxymethyl)-aminomethane RPE - For analysis

CODE : 489981

LOT N° : V3H061034D

MOLECULAR WEIGHT : 121,14

RE-TEST DATE : 04/2030

CAS N° : 77-86-1

FORMULA : NH₂C(CH₂OH)₃

| TEST | U.M. | SPECIFICATION | RESULT |
|----------------------|------|--------------------------|---------|
| Description | - | White crystalline powder | Conform |
| Identification | - | Positive | Conform |
| Melting point | °C | 168 - 172 | 171 |
| pH (1M at 25°C) | - | 10.5 - 11.5 | 10.8 |
| Loss on drying | % | <= 0.5 | 0.05 |
| Insoluble in water | ppm | <= 100 | 0.01 |
| Heavy metals (as Pb) | ppm | <= 2 | <2 |
| Residue on ignition | % | <= 0.1 | 0.03 |
| Fe | ppm | <= 1 | <2 |
| Assay (alcalimetric) | % | >= 99.5 | 99.9 |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Approve Date : 25/08/2023

Approved electronically, valid without a signature

QUALITY CONTROL RESPONSIBLE

