

neoFroxx GmbH

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Specification

| Product | Tris for molecular biology |
|------------------------|--|
| Product number | 1115 |
| Synonyms | 2-Amino-2-(hydroxymethyl)-propane-1,3-diol, THAM, Tris base, Tris-(hydroxymethyl)-aminomethane, Trometamol, Tromethamine |
| Formula | C ₄ H ₁₁ NO ₃ |
| Molecular weight | 121.14 g/mol |
| CAS number | 77-86-1 |
| Storage | below 25°C |
| Retest period (months) | 48 |

| Parameter | Specification |
|--------------------------------|--------------------------|
| Assay (titr.) | >= 99.9 % |
| Appearance | white crystalline powder |
| Appearance of solution | clear and colorless |
| DNases/RNases/Proteases | not detectable |
| Absorbance (UV, 40 % in water) | |
| 260 nm | <= 0.03 |
| 280 nm | <= 0.02 |
| Melting point | 168 - 173°C |
| Loss on drying (105°C, 3 h) | <= 0.2 % |
| pH (1 M in water, 20°C) | 10.5 - 11.5 |
| Copper (Cu) | <= 0.0001 % |
| Iron (Fe) | <= 0.0001 % |
| Lead (Pb) | <= 0.0001 % |

Einhausen, 02.07.2024