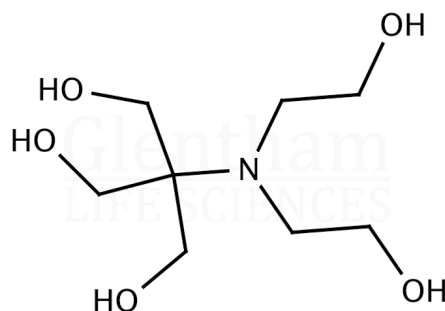


Certificate of Analysis

| | |
|-------------------|-----------------|
| Product Name | BIS-TRIS |
| Glentham Code | GB6605 |
| CAS Number | 6976-37-0 |
| EINECS | 230-237-7 |
| MDL Number | MFCD00002853 |
| PubChem SID | 310267954 |
| Batch Number | 954NJK |
| Molecular Weight | 209.24 |
| Molecular Formula | $C_8H_{19}NO_5$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 954NJK |
|-------------------------------|----------------------------|----------------------------|
| Physical Description | White crystalline powder | White crystalline powder |
| Identification (IR) | To conform to standard | Conforms to standard |
| Solubility (0.1M in water) | Clear, colourless solution | Clear, colourless solution |
| pH (1% in water) | 8.9 - 9.8 | 9.4 |
| Loss on Drying | ≤ 1.0% | 0.3% |
| UV Absorption (0.1M in water) | 280nm: ≤ 0.04 | 0.01 |
| | 340nm: ≤ 0.02 | 0.00 |
| Heavy Metals (as Pb) | ≤ 3ppm | ≤ 3ppm |
| Iron (Fe) | ≤ 3ppm | ≤ 3ppm |
| Assay (Titration) | ≥ 99.0% (anhydrous basis) | 100.0% |

| | |
|-----------------------|------------|
| Specification Version | v1.1 |
| Manufacture Date | 2022-10-20 |
| Re-Test Date | 2031-03-08 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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