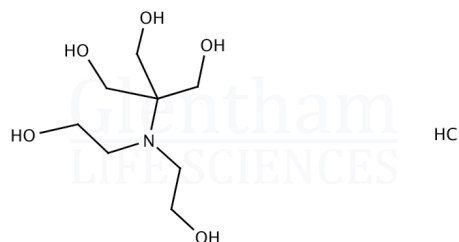


Certificate of Analysis

| | |
|---------------|------------------------|
| Product Name | BIS-TRIS hydrochloride |
| Glentham Code | GK3758 |
| CAS Number | 124763-51-5 |
| MDL Number | MFCD00171252 |
| PubChem SID | 310267955 |
| Batch Number | 307HGM |

| | |
|-------------------|---------------------------|
| Molecular Weight | 245.70 |
| Molecular Formula | $C_8H_{19}NO_5 \cdot HCl$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 307HGM |
|---------------------------|--|----------------------------|
| Physical Description | White crystalline powder | White crystalline powder |
| Solubility (20% in water) | Clear, colourless to very pale yellow solution | Clear, colourless solution |
| Water | ≤ 1.0% | 0.6% |
| Assay | ≥ 98.0% (dried basis) | 99.5% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2018-01-23 |
| Re-Test Date | 2028-04-17 |

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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