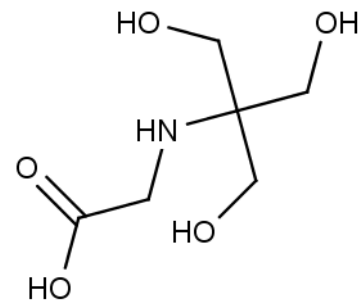


Tricine, ultra pure

| | |
|---------------------|--|
| Catalog No: | 22870 |
| Lot No: | XXXXX |
| Cas No: | 5704-04-1 |
| Formula: | C ₆ H ₁₃ NO ₅ |
| MW: | 179.17 |
| Supplied as: | solid |
| Stability: | stable at room temperature |



Background

Tricine is a commonly used electrophoresis buffer and is also used in resuspension of cell pellets. It has a higher negative (more negative) charge than glycine allowing it to migrate faster. In addition its high ionic strength causes more ion movement and less protein movement. This allows for low molecular weight proteins to be separated in lower percent acrylamide gels. Tricine has been documented in the separation of proteins in the range of 1 to 100 kDa by electrophoresis.

Tests

| | |
|--|--------------------------|
| Appearance: | white crystalline powder |
| Assay (titr.): | ≥99% |
| IR spectrum: | complies |
| pH (1%, H₂O, 25°C): | 4.6 – 5.6 |
| Water: | ≤0.3% |
| Chloride: | ≤0.1% |
| Sulfate: | ≤0.005% |
| Fe: | ≤0.0005% |
| Pb: | ≤0.0005% |
| Abs. (1 cm/0.1 M in H₂O) | |
| A₂₆₀ | ≤0.04 |
| A₂₈₀ | ≤0.04 |

Specifications

| |
|--------------------------|
| white crystalline powder |
| ≥99% |
| complies |
| 4.6 – 5.6 |
| ≤0.3% |
| ≤0.1% |
| ≤0.005% |
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| ≤0.0005% |

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.