
Glycerol 80%, Sterile, For Molecular Biology

MB060S

Product Identifier

| | | |
|-------------------|---|--|
| CAS No. | : | 56-81-5 |
| EC No. | : | 200-289-5 |
| Molecular Formula | : | C ₃ H ₈ O ₃ |
| Molecular Weight | : | 92.09 |
| Synonym | : | 1,2,3-Propanetriol |
| HS Code | : | 2905 45 00 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|---------------------------|---|---|
| Appearance | : | Clear colourless liquid |
| Solubility | : | 1 mL miscible with 1 mL of water |
| pH (5M in water at 25°C) | : | 5.50 - 8.00 |
| DNases | : | None detected |
| RNases | : | None detected |
| Density (at 25°C) | : | 1.200 - 1.210 g/mL |
| Heavy metals (as Pb) | : | <= 0.0005% |
| Iron (Fe) | : | <= 0.0005% |
| Magnesium (Mg) | : | <= 0.0005% |
| Sterility | : | No bacterial or fungal growth is observed after 14 days of incubation as per USP specifications |
| Assay (NaOH Titration/GC) | : | >= 80.00% |

Safety Information

| | | |
|---------------|---|---------------------|
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | MA8050000 |
| WGK | : | 1 |