

## 4274 – THIOGLYCOLIC ACID, 80% SOLUTION IN WATER

|                           |   |                         |
|---------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/LC/4274 | STANDARD SPECIFICATION<br>FOR THIOGLYCOLIC ACID,<br>80% SOLUTION IN WATER | Rev. No: 03             |
| Issue No: 04              |   | Review Date: 29/10/2025 |
| Issue Date: 30/10/2022    |   | Product code: 4274      |

### PRODUCT PROPERTIES

|                    |  |
|--------------------|--|
| C.A.S Number       | 68-11-1  |
| Chemical Formula   | C <sub>2</sub> H <sub>2</sub> O <sub>2</sub> S   |
| Formula weight     | 92.12  |
| Functional Uses    | It used as a stabilizer for preparation of silver colloids, in a UV-vis spectroscopy study to establish stable and highly surface-enhanced Raman spectroscopy (SERS)-active silver colloids. |
| Standard Packaging | 100 ml & 500 ml  |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION    |
|-------------------|------------------|
| Appearance        | Colorless Liquid |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER      | SPECIFICATION |
|------------------------|---------------|
| Density D20/4          | 1.260 - 1.280 |
| Refractive Index N20/D | 1.470 - 1.475 |
| Assay                  | NLT 80.0 %    |

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

