

## PRODUCT SPECIFICATION

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**Catalog :** G1016

Glycerin, Natural, USP, EP, BP

**CAS# :** 56-81-5

**Formula :** C3H8O3

**Formula Weight :** 92.10

| Test  | Limit         |        |
|---|---------------|--------|
|   | Min.          | Max.   |
| ASSAY (ANHYDROUS BASIS)                             | 99.0 - 101.0% |        |
| SPECIFIC GRAVITY @ 25[dC                            | 1.249 --      |        |
| APPEARANCE OF SOLUTION                              | TO PASS TEST  |        |
| REFRACTIVE INDEX                                    | 1.470 - 1.475 |        |
| IDENTIFICATION                                      | TO PASS TEST  |        |
| IDENTIFICATION: A (USP)                             | TO PASS TEST  |        |
| IDENTIFICATION: B (USP)                             | TO PASS TEST  |        |
| IDENTIFICATION: C (USP)                             | TO PASS TEST  |        |
| COLOR   | TO PASS TEST  |        |
| RESIDUE ON IGNITION (SULPHATED ASH)                 | --            | 0.01%  |
| CHLORIDE (Cl)                                       | --            | 0.001% |
| SULFATE (SO <sub>4</sub> )                          | --            | 0.002% |
| HEAVY METALS (as Pb)                                | --            | 5 UG/G |
| CHLORINATED COMPOUNDS (HALOGENATED COMPOUNDS as Cl) | --            | 30 ppm |
| WATER   | --            | 2.0%   |
| FATTY ACIDS AND ESTERS                              | TO PASS TEST  |        |
| RELATED COMPOUNDS (USP)                             | TO PASS TEST  |        |
| IMPURITY A AND RELATED SUBSTANCES                   | TO PASS TEST  |        |
| ACIDITY OR ALKALINITY                               | TO PASS TEST  |        |
| ALDEHYDES   | --            | 10 PPM |
| SUGARS  | TO PASS TEST  |        |
| ESTERS  | TO PASS TEST  |        |
| CERTIFIED KOSHER                                    |               |        |
| EXPIRATION DATE                                     |               |        |
| RESIDUAL SOLVENTS                                   | TO PASS TEST  |        |