

**USP Food Grade Glycerin****Specifications**

|                                       |                |
|---------------------------------------|----------------|
| Purity                                | 99.7% min      |
| Specific Gravity @ 25 deg C           | 1.2613 Min     |
| Identification A by FTIR              | Pass USP       |
| Identification B                      | Pass USP       |
| Diethylene Glycol                     | <0.10%         |
| Ethylene Glycol                       | <0.10%         |
| Identification C                      | Pass USP       |
| DEG and Related Compounds- Individual | 0.1% Max       |
| DEG and Related Compounds – Total     | 1.0% Max       |
| Assay                                 | 99.0% - 101.0% |
| Sulfate                               | 20 ppm Max     |
| Chloride                              | 10 ppm Max     |
| Chlorinated Compounds                 | 30 ppm Max     |
| Fatty Acid & Ester                    | 0.3 ml Max     |
| Heavy Metals                          | 5 ppm Max      |
| Lead                                  | 1 ppm Max      |
| Residual on Ignition                  | 0.01% Max      |
| Appearance                            | Colorless      |
| Color, APHA                           | 10 Max         |
| Readily Carbonizable Substances       | Pass           |
| Moisture                              | 0.3% Max       |
| Odor                                  | Odorless       |
| Residual Solvents                     | Pass USP       |

**Kosher & Halal**