



SPECIFICATION
PRODUCT: GLYCERINE (USP GRADE)

| Sr. No. | Parameter | Specification | Test Method |
|---------|---------------------------------------|---------------|--------------|
| 1. | Glycerol Content % | 99.50 Min | USP 32 |
| 2. | Specific gravity | 1.250 Min | Pycnometer |
| 3. | Water Content | 0.50 Max | Karl Fisher |
| 4. | Color (Alpha) | 10 Max | USP 32 |
| 5. | Fatty Acid and Ester | 1 Max | USP 32 |
| 6. | Limit Test of Chloride (ppm) | 10 Max | USP 32 |
| 7. | Limit of Sulphate (ppm) | 20 Max | USP 32 |
| 8. | Heavy Metals (as Pb) (ppm) | 5 Max | USP 32 |
| 9. | Arsenic (mg/kg) | 1 Max | Base on AOAC |
| 10. | Iron (mg/kg) | 2 Max | Base on AOAC |
| 11. | Lead (mg/kg) | 1 Max | Base on AOAC |
| 12. | Diethylene Glycol and Ethylene Glycol | 0.1 Max | USP 32 |