



ATLANTA WAREHOUSE
3939 Royal Drive, Suite 139
Kennesaw, GA 30144

UTAH WAREHOUSE
647 West Billinis Road, Unit 1
Salt Lake City, Utah 84119

Certificate of Analysis

GLYCERIN – Kosher Grade
Glycerin 99.7% Kosher / USP Grade
Batch Number: 08086-EA

DATE OF MANUFACTURE: AUGUST 8, 2016
DATE OF EXPIRY/RE-TEST: AUGUST 7, 2017

| <u>Test</u> | <u>Result</u> | <u>Specification</u> |
|---------------------------------|---------------|----------------------|
| Assay % by weight | 99.7 | 99.7 Min. |
| Color, APHA | 8.0 | < 15 |
| Specific Gravity @ 25°C | 1.2613 | 1.2612 Min |
| Residue on Ignition (%) * | 0.001 | < 0.005 |
| Chlorides (ppm) * | < 1.0 | < 10.0 |
| Sulfates (ppm) * | < 1.0 | < 20.0 |
| Chlorinated Compounds (ppm) * | < 1.0 | < 5.0 |
| Moisture (%) * | 0.3 | 0.3 Max. |
| Fatty Acids & Esters * | NMT 0.3 ml | < NMT 1.0 ml |
| Arsenic (ppm) * | < 0.10 | < 1.5 |
| Heavy Metals (ppm) * | < 1.0 | < 5.0 |
| Ethylene Glycol Content (%) * | < 0.001 | < 0.1 |
| Diethylene Glycol Content (%) * | < 0.001 | < 0.1 |
| Identification By IR * | Pass | Match to Standard |
| Identification by GC * | Pass | Match to Standard |
| USP Monogram * | Pass | Match to Standard |

* Data taken from Master Sample