

Certificate of Analysis / Certificat D'Analyse
Vegetable Glycerin 99.5% USP (Glycerin / Glycerol)
Food Grade, Kosher and Halal from North America
 Glycérine Végétale 99.5% USP (Glycérin / Glycérol)
 Grade Alimentaire, Kascher et Halal d'Amérique du Nord

Manufacturer: North American

| Properties | Standards | Results / Units | Test Methods |
|--|----------------|-----------------|--------------|
| Identification A) | To pass test | Passed | USP |
| Identification B (Limit of DEG & EG) | To pass test | Passed | USP |
| Identification C | To pass test | Passed | USP |
| Specific gravity (25 C) | Min. 1.249 | 1.262 | USP |
| Color | To pass test | 5.0 | USP |
| Residue after Ignition | Max. 0.010 % | 0.001 % | USP |
| Water | Max. 0.5 % | 0.1 % | USP |
| Chloride (Cl) | Max. 0.001 % | 0.001 % | USP |
| Sulfate (SO4) | Max. 0.002% | Passed | USP |
| Elemental Impurities (USP<232>, <233>) | To pass test | Passed | USP |
| Limit of chlorinated compounds | Max. 0.003% | Passed | USP |
| Fatty acids and esters | To pass test | Passed | USP |
| Organic impurities, related compounds | To pass test | Passed | USP |
| Assay | 99.5 - 101.0 % | 99.6 % | USP |
| Lead (Pb) | Max. 1 ppm | Passed | FCC |
| Readily carbonizable substances | To pass test | Passed | FCC |

* Data based on manufacturer's document

Jmh

Quality Control

