



SPECIFICATION SHEET

Product Name : Glycerol 85%, Ph Eur, BP
Product Number : 927.023
Brand : ISOLAB
CAS Number : 56-81-5
Formula : -
Formula Weight : -

| TEST NAME | SPECIFICATION | UNIT |
|--|--------------------|------|
| Assay (APAG-GL-009) | 84 - 87 % | % |
| Assay (Eur.Ph.) | 83.5 - 88.5 % | % |
| Appearance of solution | passes test | |
| Acidity or alkalinity | passes test | |
| Identity | passes test | |
| Identification A (refractive index) | passes test | |
| Identification B (IR) | passes test | |
| Identification C (Nitric acid) | passes test | |
| Identification D (Acrolein test) | passes test | |
| Refractive index (20 °C) | 1.449 - 1.454 | |
| Density (20 °C) | 1.221 - 1.230 g/ml | g/ml |
| Colour APHA | ≤ 10 | |
| Chloride (Cl) | ≤ 0.001 % | % |
| Halogenated compounds (as Cl) | ≤ 0.003 % | % |
| Heavy metals (as Pb) | ≤ 0.0005 % | % |
| Aldehydes | ≤ 0.001 % | % |
| Arsenic (As) | ≤ 0.0002 % | % |
| Calcium (Ca) | passes test | |
| NH ₄ (Ammonium) | passes test | |
| Sulphate (SO ₄) | ≤ 0.002 % | % |
| Diethylene glycol and related Substances (impurity A) | ≤ 0.1 % | % |
| Diethylene glycol and related Substances (any further impurity) | ≤ 0.1 % | % |
| Diethylene glycol and related Substances (Sum of all impurities) | ≤ 0.5 % | % |

Quality Management
Isolab Laborgerate GmbH





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|---|---------------|------|
| Esters | ≥ 8.0 ml | ml |
| Sugar | passes test | |
| Sulfated ash | ≤ 0.01 % | % |
| Water | 13.0 - 16.0 % | % |
| Readily carbonizable substances | passes test | |
| Residue on ignition | passes test | |
| Acrolein, glucose & other red. substances | passes test | |
| Fatty acids and esters | Passes test | |

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