



Certificate of Analysis.

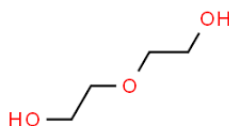
Diethylene Glycol, AnStan™ Reference Standard.

| | |
|---------------------------|---|
| Product Code: | BS10278. |
| Description: | Diethylene Glycol, AnStan™ Reference Standard. |
| Chemical Name: | Ethylene diglycol. |
| Pack Size: | 5 ml. |
| CAS NO.: | 111-46-6. |
| Mol. Weight: | 102.12 g/mol. |
| Mol. Formula: | C₄H₁₀O₃. |
| MDL Number: | MFCD00002882. |
| Solubility: | Miscible in water. |
| Density: | 1.118 g/ml. |
| Melting Point: | -10.45°C. |
| Boling Point: | 244 to 245°C. |
| Autoignition Temperature: | 204°C. |
| Viscosity: | 3.85 mPa.S (25°C). |
| Storage: | Store in a cool, dry well-ventilated location. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot Specific. |
| Expiry Date: | 3 Years. |

| Characteristics | Specification | Measured Values |
|----------------------------|-------------------------|----------------------|
| Appearance: | Clear colorless liquid. | Lot Specific. |
| Water (KF): | Max. 0.030 % w/w. | Lot Specific. |
| Residue after evaporation: | Max. 0.001 %w/w. | Lot Specific. |
| Identity (IR): | Confirms to structure. | Lot Specific. |
| Identification by GC/MS: | Confirm to structure. | Lot Specific. |
| 1H NMR spectrum: | Confirms to structure. | Lot Specific. |
| Purity (GC): | Min. 99.80 %. | Lot Specific. |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

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