



Certificate of Analysis.

Diethylene Glycol, AnStan™ GC Reference Standard.

Product Code:	BS10158.
Description:	Diethylene Glycol, AnStan™ GC Reference Standard.
Chemical Name:	Ethylene diglycol.
Pack Size:	100 ml.
CAS NO.:	111-46-6.
Mol. Weight:	102.12 g/mol.
Mol. Formula:	C₄H₁₀O₃.
MDL Number:	MFC000002882.
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.	Clear colorless liquid.
Purity GC/FID:	Min. 99.80 %.	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.	Confirms to structure.
Identification by GC/MS	Confirm.	Confirm.
¹ H NMR spectrum:	Confirms to structure.	Confirms to structure.

Please Note: - This material is only for laboratory purpose and not for human consumption.

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