



Certificate of Analysis.

Benzene, AnStan™ GC Reference Standard.

Product Code:	BS10100.
Description:	Benzene, AnStan™ GC Reference Standard.
Chemical Name:	Benzene.
Pack Size:	100 ml.
CAS NO.:	71-43-2
Mol. Weight:	78.114 g/mol.
Mol. Formula:	C₆H₆.
MDL Number:	MFC00003009.
Solubility:	Soluble in alcohol.
Density:	0.8765 (20) g/cm³.
Melting Point:	5.53°C.
Boling Point:	80.1°C.
Autoignition Temperature:	497.78°C.
Viscosity:	0.6076 cP (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.
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.	Lot specific.
Identification by GC/MS	Confirm.	Lot specific.
¹ H NMR spectrum:	Confirms to structure.	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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