



Certificate of Analysis.

Acetonitrile, AnStan™ Reference Standard.

Product Code:	BS10271.
Description:	Acetonitrile, AnStan™ Reference Standard.
Chemical Name:	Acetonitrile.
Pack Size:	5 ml.
CAS NO.:	75-05-8.
Mol. Weight:	41.05 g/mol.
Mol. Formula:	CH₂CN.
MDL Number:	MFCD00001878.
Solubility:	Miscible in water.
Density:	0.786 g/cm³.
Melting Point:	-46 to -44°C.
Boling Point:	81.3 to 82.1°C.
Autoignition Temperature:	523.0°C.
Viscosity:	0.343 mPa. s at 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. This is a computer generated COA, no stamp or signature is required

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