



## Certificate of Analysis.

### Viscosity Standard Anstan® 10 cps @25°C.

Product Code:	BS11271.
Description:	Viscosity Standard Anstan® 10 cps @25°C.
Pack:	500 ml.
CAS No.:	NA.
Mol. Weight:	NA.
Mol. Formula:	NA.
Solubility:	Insoluble in water.
Accuracy:	± 5%.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	2 years.

Characteristics	Specification	Measured Values
Appearance:	Clear and colourless liquid.	Lot specific.
Viscosity:	9.50-10.50 cps @25°C.	Lot specific.

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

#### Certification & Traceability:

This product was manufactured, processed and/or certified under a quality management system that is accredited **ISO 17034:2016** and **ISO/IEC 17025:2017**. The certified kinematic viscosities were determined in accordance with **ASTM D445**. The certified values are based on the primary standard, water at 40°C (ITS-90), with a viscosity of 1.0034 mm<sup>2</sup>/s (cSt) as adopted by **NIST**, **ASTM**, and **ISO 3666**. All values are traceable to reference standards characterized by the master viscometer technique in accordance with **ASTM D2162**.

All standard components used in the manufacture of this product are pre-qualified and verified before use. All volumetric dilutions are performed in Class A calibrated glassware. The balances used in the preparation of this CRM are calibrated regularly, using a calibration provider that is accredited to **ISO/IEC 17025**. Tests were performed for capacity, readability, repeatability and linearity.

This product is manufactured, packaged, stored, and shipped in accordance with good manufacturing practices that is certified to **WHO-GMP**. The uncertainty associated with each certified value represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.



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**Validity Period:**

Briti Scientific standards ensures the accuracy of this product for 2 years from the manufacture date given above, provided the instructions for use are followed.

**Quality Certifications:**

This product was prepared under a quality management system that is accredited to the following:

**ISO 17034:2016** Accredited: Reference Materials Producer, CGI Certificate No. WGMP/22N2594 – General Requirements for the Competence of Reference Material Producers.

**ISO 17034** references additional requirements specified in ISO Guide 31 and ISO Guide 35.

**ISO/IEC 17025:2017** Accredited: Chemical Testing, CGI Certificate No. UG/23N256- General Requirements for the Competence of Testing and Calibration Laboratories.

**ISO 9001:2015** Certified: Quality Management Systems, CGI Certificate No. QMS/23N258.

**WHO-GMP** Certified: Good Manufacturing Practices, CGI Certificate No. WGMP/22N2594.

**Homogeneity:**

This product was determined to be homogenous by procedures consistent with the requirements of **ISO 17034** and **ISO Guide 35**. Replicate samples of the finished solution were analysed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability.

**Health and Safety Information:**

Refer to the Safety Data Sheet (SDS), which can be obtained at [www.britishtscientific.com](http://www.britishtscientific.com).

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**Dr. K. Deepti.**  
**Technical Head.**

