



Certificate of Analysis.

Sulfanilamide melting point reference standard for analytical use - complies with USP testing methods), AnStan®.

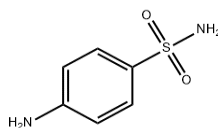
Product code:	BS11227.
Description:	Sulfanilamide melting point reference standard for analytical use - complies with USP testing methods), AnStan®.
Chemical Name:	4-Aminobenzenesulfonamide.
Pack:	1 gm.
CAS No.:	63-74-1.
Mol. Weight:	172.21 g/mol.
Mol. Formula:	C₆H₈N₂O₂S.
MDL Number:	MFCD00007939.
Solubility:	Soluble in water.
Boiling point:	401°C.
Density:	1.54 g/cm³.
Storage:	Store at ambient temperature.
Batch No:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White crystalline powder.	Lot specific.
Purity by HPLC:	>98%.	Lot specific.
Melting point:	163°C - 167°C.	Lot specific.

Comparative Melting point:

Test	In-house LOT (Lot specific)	USP LOT (Lot specific)
Melting point:	Lot specific.	Lot specific.

Please 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 relative initial and final melting points and melting range of organic chemicals is determined by the standard method ASTM E324. This product was analysed according to protocol mentioned in **USP**. The present lot specifications comply with the corresponding **USP** lot specifications.



USA: #1004, Boston, Massachusetts, 02116, United States. **India:** Jeedimetla, Hyderabad-500 055, Telangana.

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All standard components used in the manufacture of this product are pre-qualified and verified before use. The balances used in the preparation of this Standard 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 $k=2$.

Validity Period:

Briti Scientific standards ensures the accuracy of this product for 5 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 complies with the following:

ISO 17034:2016: 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: 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.britisscientific.com.

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