



## Certificate of Analysis.

**Buffer Solution pH 7.00 ± 0.02 @25°C, Traceable to NIST.**

Product Code:	<b>BSPH700.</b>
Pack:	<b>500 ml.</b>
Chemical Name:	<b>NA.</b>
CAS No.:	<b>NA.</b>
Mol. Weight:	<b>NA.</b>
Mol. Formula:	<b>NA.</b>
Solubility:	<b>Miscible in water.</b>
Accuracy:	<b>± 0.02.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot Specific.</b>
Expiry Date:	<b>2 Years.</b>

Characteristics	Specification	Measured Values
Appearance:	Clear and colourless liquid.	<b>Clear and colourless liquid.</b>
Odour:	Odourless.	<b>Odourless.</b>
pH:	6.980-7.020 @25°C.	<b>Lot Specific.</b>

This product is prepared using high quality salts and deionized water. The results reported are of a sample taken from the above-mentioned lot during manufacture and measurements are in comparison to standards prepared from **NIST SRM 185i, NIST SRM 186-I-g, and NIST SRM 186-II-g.** The uncertainty of the mean specific value does not exceed ±1% at 95% confidence level (k=2).

All standard components used in the manufacture of this product are pre-qualified and verified before use. All glassware used are of class A and have been qualified and verified before use. Tests were performed for capacity, readability, repeatability and linearity. This product meets all requirements defined by the appropriate specifications. This product is manufactured, packaged, stored, and shipped in accordance with good manufacturing practices.

This certificate shall not be reproduced except in full, without written approval from Briti Scientific. This product is not for human consumption.

**Prepared by.**  
**D. Navaneetha.**  
**Chemist.**

**Reviewed by.**  
**N. Sai Kumar.**  
**Sr Chemist.**

