



## Certificate of Analysis.

**Buffer Solution pH 11.00 ± 0.05 @ 25°C, Traceable to NIST.**

Product Code:	<b>BSPH1100.</b>
Description:	<b>Buffer Solution pH 11.00 ± 0.05 @ 25°C, Traceable to NIST.</b>
Pack:	<b>500 ml.</b>
Chemical Name:	<b>NA.</b>
Mol. Weight:	<b>NA.</b>
Mol. Formula:	<b>NA.</b>
Solubility:	<b>Miscible in water.</b>
Accuracy:	<b>± 0.05.</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 colourless liquid.	<b>Lot specific.</b>
Odour:	Odourless.	<b>Lot specific.</b>
pH:	10.950—11.050 @25°C.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. 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 191d-I, NIST SRM 191d-II, 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.

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

