



## Certificate of Analysis

Description : Borate-Buffer 0.4 N pH 10.2, 100 ml  
Part.-No. : 5061-3339 Production date : 02 Mar 2023  
Lot.-No. : BCKK1353 Expiration date : 02-Mar 2026

### Raw materials

All raw materials used to prepare this Borate-Buffer are of the highest available purity and are routinely analyzed according to the specified purity-determinations.

### Manufacturing

We employ precise measuring techniques in manufacturing. Mass is determined with electronic balances capable of weighing to 0.01 g and calibrated by the Swiss Office of Weights and Measures. Volume is determined in dedicated high-purity borosilicate flasks capable of measuring with an accuracy of 0.02%.

### Packaging and Storage

The final solution was handled under argon and filled into 100 ml bottles. The finished bottles are stored at 2 – 8 °C.

### Stability

Every individual lot of the product is subjected to reanalysis. The experience shows that the product is stable, if stored at 2 – 8 °C.

### Analytical Quality Control

The scope of the analytical testing procedures covers identity, purity, homogeneity, accuracy and pH.

Description	Lot Analysis	Specifications
Aspect	clear, colorless liquid	clear, colorless liquid
Density (20/4)	1.008	1.01 ± 0.01 g/ml
Index of Refraction (20/D)	1.335	1.335 ± 0.005
Identity	corresponds	corresponds
Concentration Accuracy	corresponds	± 5 %
pH	10.1	10.2 ± 0.2