Agilent Technologies

Fluka Analytical

Certificate of Analysis

Description : Borate-Buffer 0.4 N pH 10.2, 100 ml

Part.-No. : 5061-3339
Lot-No. : BCBK0966V (99419)

Production date : 08-Nov 2012
Expiration date : 08-Nov 2015

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 ist 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 4 °C.

Stability
Every individual lot of the product is subjected to reanalysis. The experience shows that the product is stable, if stored at 4 °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	10.3	10.2 ± 0.2

Buchs, 08.11.2012

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