Agilent Technologies

Fluka

Certificate of Analysis

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

Part.-No. : 5061-3339
Lot-No. : 093942/1 (99419)

Production date : 08.07.02
Expiration date : 08.07.05

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)	1.007	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	10.10	10.2 ± 0.2

Buchs, 08.07.02

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Fluka Quality Control

Fluka warrants that its products conform to the information contained in this and other Fluka publications. Purchaser must determine the suitability of the product for its particular use. See invoice for additional terms and conditions of sale.