Agilent Technologies

Certificate of Analysis

Cation Solution for HPCE

Part No.: 5064-8205 **Lot No.:** HC90432046

Specification and Analysis:

Parameter	Specification	Lot analysis
Ammonium (NH_4) [1)]	90 -110 mg/l	(100 ± 3) mg/l
Calcium [2)]	90 -110 mg/l	(101 ± 2) mg/l
Potassium [2)]	90 -110 mg/l	(100 ± 2) mg/l
Magnesium [2)]	90 -110 mg/l	(100 ± 2) mg/l
Sodium [2)]	90 -110 mg/l	(99 ± 2) mg/l

1) measured using an ammonium test kit
2) measured by means of ICP-OES, traceable to NIST standard reference materials (NIST: National Institute of Standards and Technology, USA)

Matrix: Nitric acid 0.01 %

Raw Materials

All raw materials used to prepare this product are of the highest available purity and are routinely analysed according to the specific purity determinations.

Manufacturing

This product has been produced gravimetrically using ISO 9000 quality procedures from high purity salts. Balances used are calibrated regularly against PTB traceable weight sets. (PTB: Physikalisch Technische Bundesanstalt [Federal Physical-Technical Institute] – Braunschweig – Germany)

It is recommended to shake the solution thoroughly prior to use. Never pipet directly from the bottle. Prepare working solutions upon requirement by dilution with nitric acid 0.01%.

Date of release: 2019/08/27
Expiry date: 2022/08/31

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