

CERTIFICATE OF GRAVIMETRIC PREPARATION

PRODUCT: IC Multi-Element Standard, 7 Elements
PRODUCT No.: ICA-DX-721
MATRIX: Purified Water
LOT NO.: ICADX72115C1
DATE OF PREPARATION: 12/03/2015
EXPIRY DATE: 28/03/2017

PREPARATION OF STANDARD:

All standard components have been pre-qualified/verified before use. All analytical measuring devices and instrumentation have been pre-calibrated. The actual concentrations reported below are based on this preparation methodology and compound impurities.

Anion	Raw Material Purity %	Nominal mg/L	Actual mg/L
Fluoride	99+	20.0	20.05
Nitrite	99+	100	100.1
Nitrate	99+	100	99.9
Phosphate	99+	200	200.1
Sulphate	99+	100	100.1
Bromide	99+	100	99.9
Chloride	99+	100	100.4

TRACEABILITY IN THE PRODUCTION OF THIS STANDARD

This product was prepared gravimetrically on a mass/volume basis. The solute was weighed on a balance calibrated by Reagecon engineers using mass standards traceable to the National and International primary standard of mass. Reagecon holds ISO 17025 accreditation for calibration of non-automatic weighing machines (265C). The resulting Balance Certificate of Calibration was issued in accordance with the requirements of ISO/IEC 17025. The balance was calibrated under monitored environmental conditions and atmospheric pressure. Tests were performed for capacity, readability, repeatability, eccentricity and linearity.

BALANCE ID No.: RRD-077

CALIBRATION DATE OF BALANCE: 23/10/2014

CALIBRATION AUTHORITY OF BALANCE: Reagecon Diagnostics Ltd, ISO17025 Accreditation No. 265C.

WEIGHTS No.: RRD-090

CALIBRATION DATE OF MASS SET: 08/01/2015

CALIBRATION AUTHORITY OF MASS SET: Complete Calibrations (INAB Scope 282C).

TEST METHOD:

The result reported in this certificate was determined by gravimetric preparation.

This certificate relates solely to the lot number given above.

Approved By: Quality Manager

Date: 12th April 2016

A handwritten signature in blue ink, appearing to read "Douglas P. Smith".

This certificate must not be reproduced except in full.

Supplementary cert generated to amend the original one issued in date 19th March 2015