

# Certificate of Analysis

## Analytical Volumetric Solution

### Sodium Hydroxide 5.0M (5.0N)

Product No:	S25005
Lot No:	S2520L1
Expiry date:	28/11/2022

Mean measured value:	4.996 M @ 20°C ± 0.1%
Date of measurement:	12/11/2020

#### Method:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. Test Method used was TPATB. This volumetric solution was checked by means of Hydrochloric Acid Analytical Volumetric Standard. It is directly traceable to a Standard Reference Material of National Institute of Standards and Technology (USA), 723e Tris(hydroxymethyl)aminomethane. All raw materials used to prepare this product are of high purity.

This certificate relates solely to the lot number given above. The uncertainty of measurement has been calculated not to exceed  $\pm 0.1\%$  at 95% confidence level, ie. coverage factor  $k = 2$ .

#### Accreditation:

Reagecon Diagnostics Ltd. is accredited by the Irish National Accreditation Board, under scope 264T, for the test method, TPATB, used to generate the above result. This accreditation is intended only to certify that Reagecon has the Quality Management Systems in place to ensure that each individual test result generated using TPATB is technically valid and is supported by appropriate uncertainty measurements.

Products are manufactured under an NSAI registered I.S EN ISO9001:2015 Quality System, registration no: 19.2769

Date of issue of the certificate: 12/11/2020

*Eileen Malone*

QC Technician **Eileen Malone**

Complementary information relative to this product is available at [www.reagecon.com](http://www.reagecon.com)  
Page 1 of 1. This Certificate must not be reproduced except in full. Rev-20L9