

## Certificate of Analysis

### Analytical Volumetric Solution

### Sodium Hydroxide 0.25M(0.25N)

*Product No:* **S20251**  
*Lot No:* **S202522B1**  
*Expiry date \* :* **28/02/2024**

*Mean measured value:* **0.24997 M @ 20°C ± 0.1%**  
*Date of measurement:* **14/02/2022**  
*Date of Sample Receipt:* **14/02/2022**  
*Date of Manufacturing \* :* **14/02/2022**

\* The detail above is based on information supplied in writing by Reagecon Manufacturing.

#### Method:

This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above, taken at time of manufacture. Test Method used was TPATB. This volumetric solution was checked by means of Hydrochloric Acid Analytical Volumetric Standard. The test result 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 sample as received by the laboratory, bearing the product code and 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.

*Date of issue of the certificate:* 14/02/2022

*Rosemary Cooney.*

**Q.A. Officer Rosemary Cooney**

Complementary information relative to this product is available at [www.reagecon.com](http://www.reagecon.com)  
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