

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME : VOLUMETRIC (STANDARDIZED) SOLUTION HYDROCHLORIC ACID 0.1M (0.1N)  
 (TRACEABLE TO NIST)

Code no. : ACLV1000 CAS no. : NA

Lot no. : LM10401512 Mfg date : DEC-2015

Exp date : Should not exceed 12 months from date of Analyzed on: NA  
 opening within the shelf-life period

**Description** **:** 0.1M Hydrochloric Acid (HCl)

**Certified Value** **:** **0.1001 + 0.0003\*** **(at 25°C)  
 & Uncertainty (mol/L)**  \*The certified value is expressed at 95% level of confidence

**Analysis (T) :** Against Sodium Carbonate (Na2CO3)

**Traceability** **:** NIST SRM Batch No.132405M

**Shelf life\*** **:** Nov. 2018

\*The **shelf life** is the specified length of time prior to use for which a properly packaged and stored standard solution remains within the specified uncertainty.

\*\*The **expiry date** is the date after which the certification of standard solution becomes invalid (due to transpiration losses and frequently use).

**Instruction for use:** The solution bottle should be open for the minimum time required to dispense the solution. This certificate related solely to the lot number given above.

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