



## Product Specification

### HYDROCHLORIC ACID 0.1 M (0.1N)

### 1.82350G HCL FOR 500 ML. 0.1N VOLUMETRIC SOLUTION

PRODUCT CODE	844730
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

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PARAMETER	LIMIT
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Description	A clear colourless solution.
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Normality (After diluting total solution to 500 ml with distilled water, at 27°C)	0.1 N ± 0.002
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#### Direction for use and storage: Capsule

1. For opening this new capsule bottle, hold it horizontally with white part in left hand and yellow part in right hand. Then bend gently as if you are breaking it apart. This will smoothly open the capsule.
2. Open the internal yellow PP cap, carefully remove the plug and transfer the contents of the capsule into a 500 ml standard volumetric flask of Class A grade. Rinse the bottle from inside with distilled water replacing again the plug. Transfer the rinsing to the flask. Make up volume up to the mark with distilled water at 27°C. Stopper the flask and mix thoroughly.
3. Note down the normality and date of preparation of the solution on the sticker label provided in the pack. Affix the same on the bottle/flask.
4. The unopened capsule bottles may be stored indefinitely without the contents deteriorating in strength or quality. (Solutions diluted for use should be kept under conditions of storage appropriate to volumetric and reagent solution).
5. The accuracy of the solution prepared as above from S.D's Concentrated Volumetric solution is 0.1±0.002N.

#### Note(s): Assay (if applicable) method mentioned.

#### DANGER

**Hazard statements:** Fatal if inhaled Harmful if swallowed May be corrosive to metals. Causes severe skin burns and eye damage

#### Precautionary statements

**Prevention :** Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash thoroughly after handling.

**Response:** Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician.

**Disposal :** Dispose of contents and container in accordance with relevant legislation.

#### Hazard Pictogram(s) :



Acute toxicity Corrosive to metals

IMDG Code :--

UN No. :--

IATA :--