



# KENCRO

## CHEMICALS

**SPECIFICATIONS: HYDROCHLORIC ACID REAGENT GRADE (36.5 - 38%)  
(MURIATIC ACID REAGENT GRADE)**

|                  |                          |
|------------------|--------------------------|
| Appearance       | Clear, colourless liquid |
| Assay            | 36.5-38.0%               |
| Specific Gravity | 1.19                     |

**Maximum Limits of Impurities**

|                                |               |
|--------------------------------|---------------|
| Residue after ignition         | 5 ppm max.    |
| Sulfate (SO <sub>4</sub> )     | 1 ppm max.    |
| Sulfite (SO <sub>3</sub> )     | 1 ppm max.    |
| Free Chlorine (Cl)             | 1 ppm max.    |
| Ammonium (NH <sub>4</sub> )    | 3 ppm max.    |
| Arsenic (As)                   | 0.01 ppm max. |
| Heavy Metals (as Pb)           | 1 ppm max.    |
| Iron (Fe)                      | 0.2 ppm max.  |
| Bromide (Br)                   | 0.005% max.   |
| Colour (APHA)                  | 10 max.       |
| Extractable Organic Substances | 5 ppm max     |

**SAFETY**

As with any chemical, Hydrochloric Acid Reagent Grade requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the material and safety data sheet.

***FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS***

***All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility***

**SPEC#: IDC0A8**

File:spec/harspec.msdl/allfiles