

15 mostafa mokhtar, Iskandarany Alexandria. Egypt

Certificate of Analysis Representative of Commodity Quality

PRODUCT SPECIFICATION: HYDROCHLORIC ACID 31% MINIMUM TO 33% MAXIMUM

ORIGIN: Egypt

PHYSICAL PROPERTIES:

• Appearance:	Clear colorless liquid free from foreign Matter
• Odor:	Pungent
• Chemical Name:	Hydrochloric Acid
• Common Name:	Hydrochloric Acid
• Molecular weight:	36.46

CHEMICALS PROPERTIES:

• Concentration (as HCL): 32% with a tolerance of + 1.0 % / -0.5% (Must be Minimum 31%)

• Free Chlorine:	Max. 10.0 ppm
• Iron (as Fe):	Max. 0.0005 % w/w
• Copper (as Cu):	Max. 0.0001 % w/w

- Sulphuric acids content: Max. 400pp
- Manganese (as Mn): Max. 0.0001 % w/w
- Mercury : Nil

• Heavy metals as(Pb) :	Nil
• Organic :	Nil
• Fluoride as (HF) :	Nil
