



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate Of Analysis

Product Code: CP-E1495P

Chemical Name: **Hydrochloric Acid, ACS**

Lot #: **280518**

Chemical Formula: **HCl**

MW: 36.46 g/mol

Storage Temperature: Ambient

CAS: 7647-01-0

MDL Number: MFCD00011324

Density: 1.1800 kg/L(20°C)

Boiling Pt: 110 °C (1013 hPa)

EINECS: 231-595-7

Melting Pt: -30 °C

UN: 1789, ADR: 8,II

Analytical Results		
Item	Specifications	Analysis
Appearance	Clear, colorless liquid	Passes Test
Assay (HCl)	36.5 - 38.0%	37.3%
Color (APHA)	10 max.	5
Free Chlorine (Cl ₂)	1 ppm max.	<1 ppm
Heavy Metals (as Pb)	1 ppm max.	0.2 ppm
Ammonium (NH ₄)	3 ppm max.	1 ppm
Iron (Fe)	0.2 ppm max.	0.05 ppm
Extractable organic substances	5 ppm max.	<5 ppm
Arsenic (As)	0.01 ppm max.	0.0001 ppm
Bromide (Br)	0.005% max.	<0.005%
Residue After Ignition	5 ppm max.	1 ppm
Sulfate (SO ₄)	1 ppm max.	0.2 ppm
Sulfite (SO ₃)	1 ppm max.	0.2 ppm
Manufacture Date	Record Actual	05/2018
Recommended Retest Date	Report Actual	05/2020

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

Vyto Mekesa
Quality Assurance Director

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