



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Cust-Product Code: CP-M1495S

PRODUCT NAME: Hydrochloric Acid, ACS

Lot #: 2020022000

F.W.: 36.46

CHEMICAL FORMULA: HCl

CAS No: 7647-01-0

Density: 1.1800

ANALYTICAL RESULTS

ITEM	SPECIFICATIONS	ANALYSIS
Appearance	Clear, colorless liquid	Passes Test
Assay (HCl)	36.5 - 38.0%	37.6%
Color (APHA)	10 max.	0
Residue After Ignition	5 ppm max.	<5 ppm
Bromide (Br)	0.005% max.	<0.005%
Sulfate (SO ₄)	1 ppm max.	<0.1 ppm
Sulfite (SO ₃)	1 ppm max.	<0.1 ppm
Free Chlorine (Cl ₂)	1 ppm max.	<0.5 ppm
Ammonium (NH ₄)	3 ppm max.	<3 ppm
Arsenic (As)	0.01 ppm max.	<0.01 ppm
Heavy Metals	1 ppm max.	<0.01 ppm
Iron (Fe)	0.2 ppm max.	<0.01 ppm
Manufacture Date	Record Actual	02/16/2020
Recommended Retest Date	Report Actual	02/15/2022

REMARKS

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