

Certificate of Analysis

Product : Hydrochloric Acid, ACS Reagent grade
Catalog# : C4280
CAS : 7647-01-0
Formula : HCl
MW : 36.46
Grade : ACS
Lot/Batch# : DS-XXXXXX
Manufacture Date : MM/YYYY
Batch Size : xxxx kg
Country of Origin: : xxxxx
Retest Date : MM/YYYY

Analytical Results

TEST	SPECIFICATIONS	TYPICAL RESULTS
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	36.5-38.0%	37.5%
Colour (APHA)	10	5
Residue after ignition	5 ppm	1 ppm
Bromide (Br)	0.005%	< .005%
Sulfate (SO ₄)	1 ppm	.2 ppm
Sulfite (SO ₃)	1 ppm	.2 ppm
Extractable Organic Substances	5 ppm	< 5 ppm
Free Chlorine (Cl)	1 ppm	<1 ppm
Ammonium (NH ₄)	3 ppm	1 ppm
Arsenic (As)	0.01 ppm	.0001 ppm
Heavy Metals (as Pb)	1 ppm	.2 ppm
Iron (Fe)	0.2 ppm	.05 ppm

Verified By

HL Latorre

Helen Latorre