

## CERTIFICATE OF ANALYSIS

Product Name: HYDROCHLORIC ACID AR

Code no. : ACL2500

CAS no. : 7647-01-0

Lot no. : SP176561511

Mfg date: NOV-2015

Exp date: OCT-2020

Analyzed on: 14/11/15

<u>Sr.</u> <u>no.</u>	Tests	Specifications	Results
1	Description	A clear fuming liquid, not more than 10 Hazen units in colour	A clear fuming liquid, not more than 10 Hazen units in colour
2	Assay	36.5 - 38.0%	37.85%
3	Non-volatile matter	Max. 0.001%	0.001%
4	Free chlorine (Cl)	Max. 0.0002%	0.000078%
5	Sulphate (SO <sub>4</sub> )	Max. 0.0005%	0.000029%
6	Sulphite (SO <sub>3</sub> )	Max. 0.0001%	0.000069%
7	Aluminium (Al)	Max. 0.00005%	0.000024%
8	Ammonium (NH <sub>4</sub> )	Max. 0.0003%	0.000019%
9	Arsenic (As)	Max. 0.000002%	<0.000002%
10	Copper (Cu)	Max. 0.00001%	0.00000027%
11	Iron (Fe)	Max. 0.00004%	0.00000129%
12	Lead (Pb)	Max. 0.00005%	0.00000008%

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