

CERTIFICATE OF ANALYSIS

PRODUCT NAME : HYDROCHLORIC ACID 33%

Batch No. : PIPL/HA/09/2020

MFG. DATE : SEPTEMBER-2020

EXPIRY DATE : AUGUST-2022

SR. NO	PARAMETERS	SPECIFICATION AS PER IS 265-1993	OBSERVATION
1	DESCRIPTION	THE MATERIAL SHALL BE A CLEAR, COLORLESS OR LIGHT YELLOW LIQUID FREE FROM DIRT AND OTHER VISIBLE IMPURITIES	LIGHT YELLOW LIQUID FREE FROM DIRT
2	TOTAL ACIDITY (AS HCL), PERCENT BY MASS, MIN	30-36%	34.97%
3	SP. GRAVITY AT 25°C	1.150 – 1.180	1.171
4	RESIDUE ON IGNITION, PERCENT BY MASS, MAX	0.0005 (5 PPM)	0
5	SULPHATE (AS H ₂ SO ₄), PERCENT BY MASS, MAX	0	0
6	IRON (AS FE), PERCENT BY MASS, MAX	0.0001 (1 PPM)	0.00005
7	FREE CHLORINE & BROMINE (AS CL), PERCENT BY MASS, MAX	10 PPM	3.6 PPM
8	SULPHITE (AS SO ₂), PERCENT BY MASS, MAX	0.0001 (1 PPM)	0
9	HEAVY METAL (AS PB), PERCENT BY MASS, MAX	0	0
10	ARSENIC (AS AS), PERCENT BY MASS, MAX	0	0
11	AMMONIUM COMPOUNDS AS (NH ₄) PERCENT BY MASS	0	0
12	FLUORIDE, MERCURY (AS HG), PPM BY MASS, MAX	0	0

