

## IP Grade - 22° Baume Hydrochloric Acid

CAS No. 7647-01-0

<u>Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Assay	34.21 – 36.21%	35.21%
Description	Clear, colorless fuming liquid.	Passes
Identification A	When added to potassium permanganate, chlorine is evolved.	Passes Test
Identification B	Gives a reaction of chlorides.	Passes Test
Arsenic	NMT 1 ppm	< 0.001 ppm
Heavy Metals	NMT 5 ppm	< 0.01 ppm
Bromide or Iodide	Passes Test	Passes Test
Free Chlorine	Passes Test	Passes Test
Sulfite	Passes Test	Passes Test
Sulfates	NMT 20 ppm	< 0.3 ppm
Residue on Evaporation	0.01% max	< 0.001%

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\*Meets Indian Pharmacopoeia 2018 Specifications

\*All analytical testing is performed in accordance with the monograph requirements or with validated alternative test methods.