

IP Grade – 6N Hydrochloric Acid

CAS No. 7647-01-0

<u>Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Assay	19 – 21%	20%
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%

*Meets Indian Pharmacopoeia 2018 Specifications

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