



Specification

Hydrochloric Acid 4% Solution

PharmaPUR™

GMP Manufactured Product

<u>Property</u>	<u>Specification</u>
Appearance	Clear, colorless liquid
Color	10 APHA maximum
Assay (w/w)	3.5-4.5%
Bromide	0.005% maximum
Free Chlorine	1.0 ppm maximum
Identification: Chloride <191>	Passes Test
Sulfate	1 ppm maximum
Extractable Organics*	5 ppm maximum
Residue after Ignition	5 ppm maximum
Ammonium	3 ppm maximum
Sulfite	1 ppm maximum
Arsenic	0.01 ppm maximum
Heavy Metals	1 ppm maximum
Iron	0.2 ppm maximum