

Hydrochloric Acid, N.F.  
Multi-Compendial  
(36.5-38.0%)



Material No.: 9544-02

Revision No.: 0

## Product Specification

Meets B.P. Chemical Specifications, Meets J.P. Chemical Specifications, Meets N.F. Requirements, Meets E.P. Chemical Specifications, GMP Manufactured Product

Test	Specification
NF - Identification	Passes Test
NF - Residue on Ignition	≤ 0.008 %
NF - Bromide or Iodide	Passes Test
NF - Free Bromine or Chlorine	Passes Test
NF - Sulfate (SO <sub>4</sub> )	Passes Test
NF - Sulfite (SO <sub>3</sub> )	Passes Test
NF - Assay (HCl)	36.5 - 38.0 %
EP/BP - Identification A	Passes Test
EP/BP - Identification B	Passes Test
EP/BP - Identification C	Passes Test
EP/BP - Appearance of Solution	Passes Test
EP/BP - Free Chlorine (as Cl <sub>2</sub> )	≤ 4 ppm
EP/BP - Sulfate (SO <sub>4</sub> )	≤ 20 ppm
EP/BP - Residue on Evaporation	≤ 0.01 %
EP/BP - Assay (HCl)	35.0 - 39.0 %
JP - Assay (HCl)	35.0 - 38.0 %
JP - Identification	Passes Test
JP - Residue on ignition, mg/10mL	≤ 1.0
JP - Bromide or Iodide	Passes Test
JP - Bromine or Chlorine	Passes Test
JP - Sulfate (SO <sub>4</sub> )	Passes Test
JP - Sulfite (SO <sub>3</sub> )	Passes Test
JP - Arsenic (As)	≤ 1 ppm
JP - Heavy Metals (as Pb)	≤ 5 ppm
JP - Mercury (Hg)	≤ 0.04 ppm

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Mansford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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Test

Specification

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GMP Manufactured Product  
Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1, 2, 3 or other solvents are used or produced in the manufacturing or purification of the product.

Elemental Impurities (USP 232, EP 5.20) - Information on elemental impurities for this product is available on the associated Product Regulatory Data Sheet and elemental impurity profile report.

Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Ethier  
Vice President Global Quality

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