



## Certificate of Analysis

### Hydrochloric Acid 2.00 N Solution

PharmaPUR™

GMP Manufactured Product

<u>Property</u>	<u>Specifications</u>	<u>Analysis</u>	
Assay Normality	1.98-2.02 N	2.00	N
Appearance	Clear, colorless liquid	Pass	
Identification: Chloride <191>	Passes Test	Pass	
Sulfate	1 ppm maximum	<1	ppm
Ammonium	3 ppm maximum	<3	ppm
Heavy Metals	0.5 ppm maximum	<0.5	ppm
Iron	0.1 ppm maximum	<0.100	ppm

Made from USP Purified Water and Hydrochloric Acid, NF which meets EP and JP chemical specifications. This product meets the USP guideline for residual solvents.

Lot Number 63960511701

By   
Amy Yencho

Laboratory Manager

Manufacture Date 02/17/2017  
Expiration Date 02/28/2019