



Certificate of Analysis

Hydrochloric Acid 0.24 N Solution

PharmaPUR™

GMP Manufactured Product

<u>Property</u>	<u>Specifications</u>	<u>Analysis</u>	
Assay Normality	0.23-0.25N	0.24	N
Sulfate	Passes Test	Pass	ppm
Residue after Ignition	80 ppm maximum	<80	ppm
Bromide or Iodide	Passes Test	Pass	
Free Bromine or Chlorine	Passes Test	Pass	
Sulfite	Passes Test	Pass	ppm
Heavy Metals	5 ppm maximum	<5	ppm
Identification	Passes Test	Pass	

Lot Number 63792921801

By

John Sinclair
Site Quality Manager

Manufacture Date 10/19/2018
Expiration Date 10/31/2020