



Certificate of Analysis

Citric Acid 50% Solution

PharmaPUR™

GMP Manufactured Product

<u>Property</u>	<u>Specifications</u>	<u>Analysis</u>	
Assay (w/w)	49.0-51.0%	49.85	%
Chloride	10 ppm maximum	<10	ppm
Phosphate	10 ppm maximum	<10	ppm
Heavy Metals	10 ppm maximum	<10	ppm
Iron	3 ppm maximum	<3	ppm
Identification	Passes Test	Pass	

Unless otherwise specified, this material is tested to the current US Pharmacopeia/National Formulary. This material is filtered to 0.2um

Lot Number 50393101801

By

John Sinclair
Site Quality Manager

Manufacture Date 11/06/2018
Expiration Date 11/30/2019