



**Certificate of Analysis**  
**Isopropyl Alcohol (2-Propanol)**  
**ElectroPUR™**  
**SEMI**

<u>Property</u>	<u>Specifications</u>	<u>Analysis</u>	
Color	10 APHA maximum	<10	
Assay	99.5% minimum	99.99	%
Alkalinity	0.1 µeq/g maximum	<0.1	µeq/g
Acidity	0.2 µeq/g maximum	<0.2	
Chloride	0.2 ppm maximum	<0.2	ppm
Phosphate	0.5 ppm maximum	<0.5	ppm
Residue After Evaporation	5 ppm maximum	<5	ppm
Solubility	To Pass Test	Pass	
Water	0.05% maximum	0.0359	%
Aluminum	0.1 ppm maximum	0.003	ppm
Arsenic and Antimony	0.01 ppm maximum	<0.01	ppm
Boron	0.01 ppm maximum	0.009	ppm
Calcium	0.1 ppm maximum	0.030	ppm
Chromium	0.1 ppm maximum	0.001	ppm
Copper	0.1 ppm maximum	0.001	ppm
Gold	0.1 ppm maximum	0.001	ppm
Iron	0.1 ppm maximum	0.001	ppm
Lead	0.1 ppm maximum	0.001	ppm
Magnesium	0.1 ppm maximum	0.001	ppm
Manganese	0.1 ppm maximum	0.001	ppm
Nickel	0.1 ppm maximum	0.001	ppm
Potassium	0.1 ppm maximum	0.012	ppm
Sodium	0.1 ppm maximum	0.027	ppm
Tin	0.1 ppm maximum	0.021	ppm
Titanium	0.1 ppm maximum	0.001	ppm
Zinc	0.1 ppm maximum	0.007	ppm

Tested to the current release of Semi Book of Standards Process Chemicals

Lot Number 30311511902

By

John Sinclair  
Site Quality Manager

Manufacture Date 05/31/2019  
Expiration Date 05/31/2022