



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	0.0216	%
Aluminum	0.1 ppm maximum	0.001	ppm
Arsenic and Antimony	0.01 ppm maximum	<0.01	ppm
Boron	0.01 ppm maximum	0.001	ppm
Calcium	0.1 ppm maximum	0.024	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	0.002	ppm
Sodium	0.1 ppm maximum	0.006	ppm
Tin	0.1 ppm maximum	0.001	ppm
Titanium	0.1 ppm maximum	0.001	ppm
Zinc	0.1 ppm maximum	0.003	ppm

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

Lot Number 30311651902

By

John Sinclair
Site Quality Manager

Manufacture Date 06/14/2019
Expiration Date 06/30/2022