



## Hydrogen Peroxide RGS<sup>®</sup> 2 Grade

CAS NO 7722-84-1

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### Introduction

FMC is the Market leader in supplying high purity hydrogen peroxide to the Electronics Industry. To assure product quality standards are maintained, FMC provides a Total System supply approach. The Total Systems approach encompasses all the areas of manufacturing, loading/transportation, delivery, engineering support and research and development. The systems approach means reliable supply, dependable consistent quality and an attention to detail necessary to service the semiconductor industry. FMC supplies RGS<sup>®</sup> high purity hydrogen peroxide from the Spring Hill, West Virginia manufacturing facility. The product line conforms to ACS and semiconductor specifications for wafer etching and cleaning and applications that require high purity and low residue.

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### {PRIVATE}Specifications

### FMC

#### Specification

Assay (H <sub>2</sub> O <sub>2</sub> ) % by weight	31.0 - 31.8
Stability, 24 hours @ 100° C	90.0% min
Color (APHA)	6 max
Chloride (Cl)	10 ppb max
Nitrate (NO <sub>3</sub> )	20 ppb max
Phosphate (PO <sub>4</sub> )	20 ppb max
Sulfate (SO <sub>4</sub> )	20 ppb max
Total Organic Carbon (TOC)	15000 ppb max
Free Acid	0.6 µeq/g max
Aluminum (Al)	100 ppt max
Antimony (Sb)	100 ppt max
Arsenic (As)	100 ppt max
Boron (B)	100 ppt max
Cadmium (Cd)	100 ppt max
Calcium (Ca)	100 ppt max
Chromium (Cr)	100 ppt max
Copper (Cu)	100 ppt max
Gold (Au)	100 ppt max
Iron (Fe)	100 ppt max
Lead (Pb)	100 ppt max
Lithium (Li)	100 ppt max
Magnesium (Mg)	100 ppt max
Manganese (Mn)	100 ppt max
Nickel (Ni)	100 ppt max
Potassium (K)	100 ppt max
Sodium (Na)	100 ppt max
Strontium (Sr)	100 ppt max
Tin (Sn)	100 ppt max
Titanium (Ti)	100 ppt max
Zinc (Zn)	100 ppt max