



# Specification Report

Printed on: 20-Nov-12

## 429-064022 Standard

Item Code: 429-064022  
Description: Hydrogen Peroxide 30% Cleanroom® LP  
Container: POLY BOTTLE  
Approved on: 8-Jan-2010

Ship to: 429-064022 Standard  
Specification: Standard  
Revision: 2  
Part Number: 429-064022

| <u>Parameter</u>     | <u>Min</u> | <u>Max</u> | <u>Units</u> |
|----------------------|------------|------------|--------------|
| Assay (H2O2)         | 30.00      | 32.00      | %            |
| Color                |            | 10         | APHA         |
| Appearance           |            |            |              |
| Free Acid            |            | 0.5000     | µeq/g        |
| Total Organic Carbon |            | 20,000     | ppb          |
| Chloride (Cl)        |            | 200        | ppb          |
| Phosphate (PO4)      |            | 1,500      | ppb          |
| Sulfate (SO4)        |            | 3,000      | ppb          |
| Aluminum (Al)        |            | 30.0       | ppb          |
| Antimony (Sb)        |            | 5.0        | ppb          |
| Arsenic (As)         |            | 5.0        | ppb          |
| Barium (Ba)          |            | 10.0       | ppb          |
| Beryllium (Be)       |            | 10.0       | ppb          |
| Bismuth (Bi)         |            | 10.0       | ppb          |
| Boron (B)            |            | 10.0       | ppb          |
| Cadmium (Cd)         |            | 10.0       | ppb          |
| Calcium (Ca)         |            | 80.0       | ppb          |
| Chromium (Cr)        |            | 15.0       | ppb          |
| Cobalt (Co)          |            | 10.0       | ppb          |
| Copper (Cu)          |            | 20.0       | ppb          |

| <u>Parameter</u>         | <u>Min</u> | <u>Max</u> | <u>Units</u> |
|--------------------------|------------|------------|--------------|
| Gallium (Ga)             |            | 20.0       | ppb          |
| Germanium (Ge)           |            | 20.0       | ppb          |
| Gold (Au)                |            | 10.0       | ppb          |
| Iron (Fe)                |            | 30.0       | ppb          |
| Lead (Pb)                |            | 100.0      | ppb          |
| Lithium (Li)             |            | 10.0       | ppb          |
| Magnesium (Mg)           |            | 30.0       | ppb          |
| Manganese (Mn)           |            | 10.0       | ppb          |
| Molybdenum (Mo)          |            | 10.0       | ppb          |
| Nickel (Ni)              |            | 10.0       | ppb          |
| Niobium (Nb)             |            | 10.0       | ppb          |
| Potassium (K)            |            | 400.0      | ppb          |
| Silicon (Si)             |            | 100.0      | ppb          |
| Silver (Ag)              |            | 20.0       | ppb          |
| Sodium (Na)              |            | 100.0      | ppb          |
| Strontium (Sr)           |            | 20.0       | ppb          |
| Tantalum (Ta)            |            | 15.0       | ppb          |
| Thallium (Tl)            |            | 20.0       | ppb          |
| Tin (Sn)                 |            | 500.0      | ppb          |
| Titanium (Ti)            |            | 20.0       | ppb          |
| Vanadium (V)             |            | 10.0       | ppb          |
| Zinc (Zn)                |            | 25.0       | ppb          |
| Zirconium (Zr)           |            | 10.0       | ppb          |
| 0.2 $\mu$ Particle Count |            | 1,000      | par/ml       |
| 0.5 $\mu$ Particle Count |            | 100        | par/ml       |
| 1.0 $\mu$ Particle Count |            | 10         | par/ml       |