



# Sodium Dodecyl Sulfate (SDS)

Ultrapure Bioreagent  
For Electrophoresis and Protein Solubilization

Product No. 4095  
Lot No. K45609  
Release Date 11/10/2011

## Certificate of Analysis

| TEST                                                           | SPECIFICATION | RESULT        |
|----------------------------------------------------------------|---------------|---------------|
| Appearance                                                     | Passes Test   | Passes Test   |
| Assay (as C <sub>12</sub> H <sub>25</sub> OSO <sub>3</sub> Na) | 99 % min.     | 100 %         |
| Absorbance of a 3% w/v Aqueous Solution at 280 nm (1-cm path)  | 0.1 max.      | 0.01          |
| pH of 1% Solution at 25°C                                      | 5.0 - 8.0     | 6.4           |
| Chloride (Cl)                                                  | 0.03 % max.   | 0.01 %        |
| <b>Trace Impurities (in ppm):</b>                              |               |               |
| Nitrogen (N)                                                   | 5 max.        | 5             |
| Phosphate (PO <sub>4</sub> )                                   | 1 max.        | 1             |
| Heavy Metals (as Pb)                                           | 2 max.        | 2             |
| Iron (Fe)                                                      | 1 max.        | 1             |
| DNase Activity                                                 | None Detected | None Detected |
| RNase Activity                                                 | None Detected | None Detected |

For Laboratory, Research or Manufacturing Use

Country of Origin: JAPAN



Phillipsburg, NJ 9001.2008, 14001.2004  
Paris, KY 9001.2008  
Mexico City, Mexico 9001.2008  
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003  
Selangor, Malaysia 9001.2008  
Panaji, India 9001.2008  
Gliwice, Poland 9001.2008, 17025.2005

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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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