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## Specification Sheet

Product Name: **Sodium dodecyl sulfate**  
Specifications & Purity: for molecular biology, ≥98.5% (GC)  
SKU #: **S118591**

| Parameter   | Limit Values                                 |
|---|--|
| Lead(Pb)  | 0-10 (ppm)                                   |
| Phosphate(PO <sub>4</sub> )   | 0-10 (ppm)                                   |
| Sodium(Na)  | 7-9 (%)                                      |
| Purity(GC)  | 98.5-100 (%)                                 |
| UV Absorbance 280nm (3% w/v in H <sub>2</sub> O)                                | 0-0.3  |
| Chloride  | 0-500 (ppm)                                  |
| Water by Karl Fischer   | 0-2 (%)                                      |
| UV Absorbance 260nm (3% w/v in H <sub>2</sub> O)                                | 0-0.3  |
| Appearance (S118591)  | White to Off-White Powder or Solid or Chunks |
| DNases  | none detected                                |
| Infrared spectrum   | Conforms to Structure                        |
| RNases  | none detected                                |
| Solubility in H <sub>2</sub> O , clear colorless to very faint yellow,20g/100ml | pass   |

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