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## Specification Sheet

Product Name: **D-Glucose 6-phosphate sodium salt**  
Specifications & Purity: **97%**  
SKU #: **G111871**

| Parameter  | Limit Values                                  |
|--|---|
| Purity(Total of isomer,anhydrous)  | 97-100 (%)                                    |
| Water by Karl Fischer  | 0-6 (%)                                       |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)                             | 31-35 (°)                                     |
| inorganic phosphorus   | 0-0.5 (%)                                     |
| Sodium (Na)(anhydrous)   | 6.1-10.2 (%)                                  |
| Appearance (G111871)   | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum  | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O | pass  |

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