

## **α-D-Glucose 1-phosphate disodium salt tetrahydrate**

Cat. No. CSUB-0965

Lot. No. (See product label)

### **Introduction**

#### **Description**

Glucose-1-phosphate can be used as a substrate in the assay of the activities of phosphoglucomutase and UDP-glucose pyrophosphorylase and also in the preparation of other sugar phosphates.

#### **Synonyms**

alpha-D-Glucose-1-Phosphate; G1P; Glucose-1-phosphate; Glucose-1-P

### **Product Information**

#### **Form**

Crystalline powder

#### **CAS No.**

150399-99-8

#### **Molecular Formula**

C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P•4H<sub>2</sub>O

#### **Molecular Weight**

376.1

#### **Purity**

99-100% glucose-1-phosphate (assayed enzymatically)

#### **Solubility**

Distilled water or dilute buffer

### **Storage and Shipping Information**

#### **Storage**

Store at 4° C