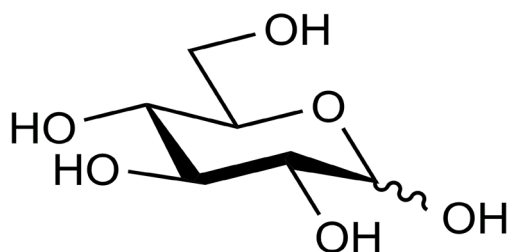


## D-GLUCOSE STANDARD SOLUTION (6 g/L) (Lot 181001B)

AS-DGLUC

02/23

**CAS:** 50-99-7  
**Synonyms:** D-glucose  
**Molecular Formula:**  $C_6H_{12}O_6$   
**Molecular Weight:** 180.16  
**Concentration:** 6 g/L in 0.02% sodium azide



### RECOMMENDED APPLICATIONS:

Analytical standard solution for use as a control sample or calibrator with analytical test kits that measure D-glucose. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-FRUGL**, **K-FRGLQR**, **K-GLUHK**, **K-SUFRG**.

### CALIBRATION CURVE PREPARATION

Standard Id	D-Glucose (g/L)	Preparation
S1	6.0	Use AS-DGLUC as supplied
S2	3.0	Dilute S1 1:1 with distilled water*
S3	1.5	Dilute S2 1:1 with distilled water*
S4	0.75	Dilute S3 1:1 with distilled water*
S5	0	Use distilled water only

\* e.g. Accurately pipette 0.5 mL Standard "X" and 0.5 mL of distilled water into a polypropylene tube and vortex to mix thoroughly.

**Note:** This calibration curve preparation method is provided as an example only. Prepare the required concentrations to suit the assay format, test kit and or application being used.