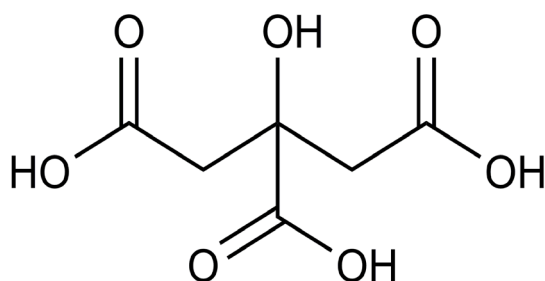


## CITRIC ACID STANDARD SOLUTION (3 g/L) (Lot 190501A)

AS-CITR

02/23

**CAS:** 77-92-9  
**Synonym:** 2-Hydroxypropane-1,2,3-tricarboxylic acid  
**Molecular Formula:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
**Molecular Weight:** 192.12  
**Concentration:** 3 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 citric acid. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-CITR**.

### CALIBRATION CURVE PREPARATION

Standard Id	Citric acid (g/L)	Preparation
S1	3.0	Use AS-CITR as supplied
S2	1.5	Dilute S1 1:1 with distilled water*
S3	0.75	Dilute S2 1:1 with distilled water*
S4	0.375	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.