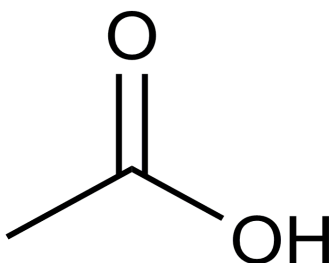


## ACETIC ACID STANDARD SOLUTION (1.8 g/L) (Lot 190401A)

AS-ACET

02/23

**CAS:** 64-19-7  
**Synonyms:** Ethanoic acid  
**Molecular Formula:** C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>  
**Molecular Weight:** 60.05  
**Concentration:** 1.8 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 acetic acid. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-ACETAF, K-ACETGK, K-ACETAK.**

### CALIBRATION CURVE PREPARATION

Standard Id	Acetic acid (g/L)	Preparation
S1	1.8	Use AS-ACET as supplied
S2	0.9	Dilute S1 1:1 with distilled water*
S3	0.45	Dilute S2 1:1 with distilled water*
S4	0.225	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.*