

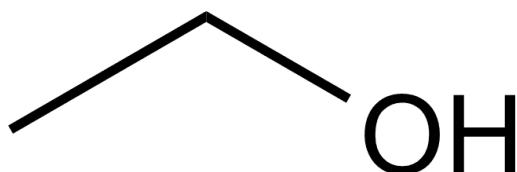


ETHANOL STANDARD SOLUTION (0.3 g/L) (Lot 190601)

AS-ETOH

07/19

CAS: 64-17-5
Synonym: Ethyl alcohol
Molecular Formula: C₂H₅OH
Molecular Weight: 46.07
Concentration: 0.3 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 ethanol. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-ETOH**, **K-ETOHLQR**.

CALIBRATION CURVE PREPARATION

Standard ID	Ethanol (g/L)	Preparation
S1	0.3	Use AS-ETOH as supplied
S2	0.15	Dilute S1 1:1 with distilled water*
S3	0.075	Dilute S2 1:1 with distilled water*
S4	0.0375	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.