

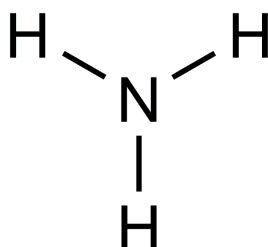


## AMMONIA STANDARD SOLUTION (0.1 g/L) (Lot 141001a)

AS-AMIA

10/18

**CAS:** 1336-21-6  
**Synonym:** Ammonia, aqueous solution  
**Molecular Formula:** NH<sub>3</sub>  
**Molecular Weight:** 17.03  
**Concentration:** 0.1 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 ammonia. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: [K-AMIAR](#), [K-LARGE](#), [K-URAMR](#).

### CALIBRATION CURVE PREPARATION

Standard Id	Ammonia (g/L)	Preparation
S1	0.1	Use AS-AMIA as supplied
S2	0.05	Dilute S1 1:1 with distilled water*
S3	0.025	Dilute S2 1:1 with distilled water*
S4	0.0125	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.