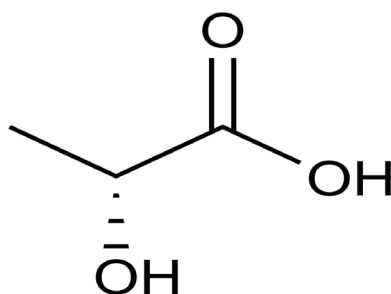


D-LACTIC ACID STANDARD SOLUTION (1 g/L)

AS-DATE

11/25

CAS: 10326-41-7
Synonym: (R)-lactic acid, (2R)-2-hydroxypropanoic acid
Molecular Formula: $C_3H_6O_3$
Molecular Weight: 90.08
Concentration: 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 D-lactic acid. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-DATE**, **K-DLATE**.

CALIBRATION CURVE PREPARATION

Standard Id	D-Lactic acid (g/L)	Preparation
S1	1.0	Use AS-DATE as supplied
S2	0.5	Dilute S1 1:1 with distilled water*
S3	0.25	Dilute S2 1:1 with distilled water*
S4	0.125	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.