

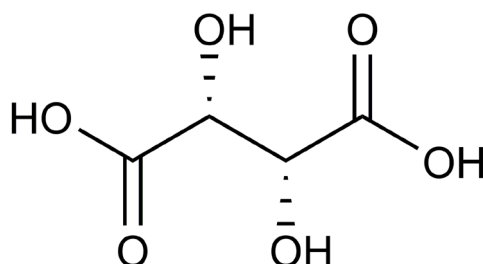


## L-TARTARIC ACID STANDARD SOLUTION (10 g/L) (Lot 190601)

AS-TART

07/19

**CAS:** 87-69-4  
**Synonym:** 2,3-Dihydroxybutanedioic acid  
**Molecular Formula:** C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>  
**Molecular Weight:** 150.09  
**Concentration:** 10 g/L



### RECOMMENDED APPLICATIONS:

Analytical standard solution for use as a control sample or calibrator with analytical test kits that measure L-tartaric acid. Especially for use to generate calibration curves for auto-analyser or microplate assay formats with the following enzymatic tests kits: **K-TART**.

### CALIBRATION CURVE PREPARATION

Standard ID	L-Tartaric acid (g/L)	Preparation
S1	10.0	Use AS-TART as supplied
S2	5.0	Dilute S1 1:1 with distilled water*
S3	2.5	Dilute S2 1:1 with distilled water*
S4	1.25	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.