Tartaric Acid Assay Kit

Liquid Ready™

! *PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST*

SKU: 700007893

Reference Code	K-TARTLQ
Recommended Working Range	0.20 g/L - 6.00 g/L
Limit of Detection	0.05 g/L
Limit of Quantification	0.15 g/L

MATERIALS

Kit Contents:



2 x 50 mL
Reagent 1 (R1)

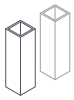


2 x 12.5 mL
Reagent 2 (R2)



5 mL
Calibrator

Additional Tools Needed:


Cuvettes


Pipettes


Sample[1]


DI Water

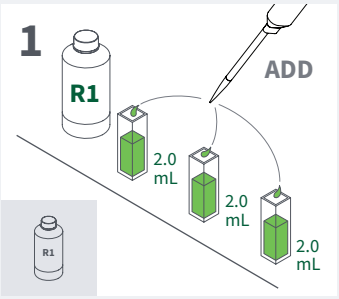

Incubator[2]


Spectrophotometer

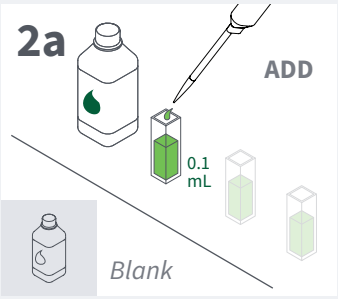

Calculator (Mega-Calc™)[3]

TEST PROCEDURE

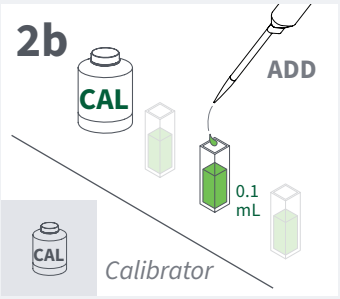
It is recommended that all samples are analysed in duplicate.



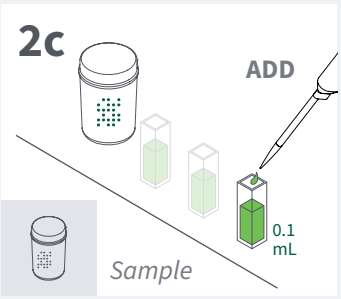
- Add **2.0 mL of REAGENT 1** to each cuvette



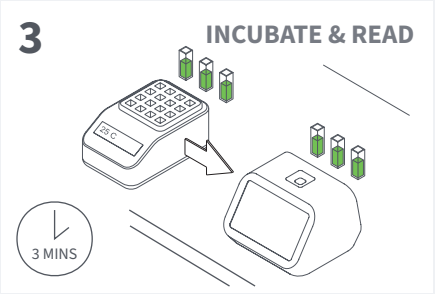
- Add **0.1 mL of WATER** to first cuvette
- Mix[4]



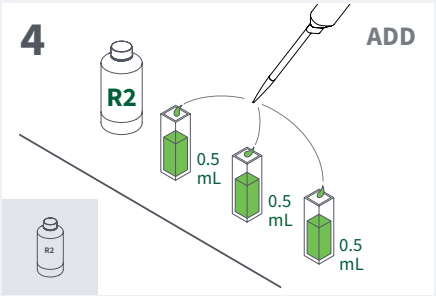
- Add **0.1 mL of CALIBRATOR** to second cuvette
- Mix[4]



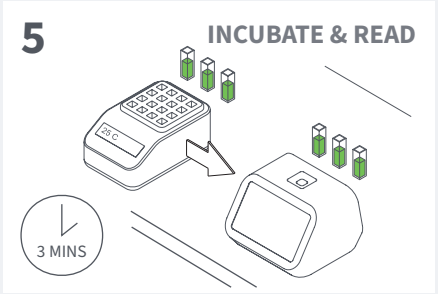
- Add **0.1 mL of SAMPLE**[1] to third cuvette
- Mix[4]



- Incubate at 20-25°C, for **3 minutes**
- Place in spectrophotometer set at **510 nm**, read absorbance **(A1)**



- Add **0.5 mL of REAGENT 2** to each cuvette
- Mix[4]



- Incubate at 20-25°C, for **3 minutes**
- Place in spectrophotometer set at **510 nm**, read absorbance **(A2)**

[1] Refer to kit instructions for sample preparation prior to analysis.
[2] An incubator is not required if ambient temperature is in the range of 20-25°C.
[3] The Mega-Calc tool (available from the product page) can be used to simplify results calculation.
[4] Seal each cuvette with Parafilm® and mix individually by gentle inversion. This mixing step is critical to ensure good repeatability. Use a new pipette tip each time you collect a new solution.

Product Page

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