

FRUIT JUICE

MILESTONE APPLICATION NOTE FOR MERCURY DETERMINATION
HG/BE-04



SUMMARY

This method represents a guideline for the determination of mercury content in fruit juice samples using the Milestone DMA-80 evo system. This procedure may require optimization to match your specific analytical goals.

INSTRUMENTATION

Milestone DMA-80 evo, equipped with 660 terminal and DMA-80 software or DMA-80 PC software, analytical balance, spatula, pipette. Quartz boats are recommended for this application.



The instrument must be carefully calibrated. Check the blank value of the required method before using it.

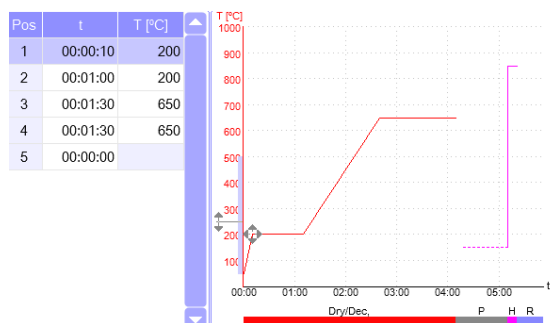
SAMPLE WEIGHT AND ADDITIVE

Sample: up to 100-200 mL.

PROCEDURE

1. Place a boat on the balance plate, tare it, weigh the sample and record the exact weight
2. Introduce the boat into sample tray
3. Run the DMA-80 program to completion

DMA-80 evo PROGRAM



Max start T: 200°C. Purge time: 60 sec
Amalgamator time: 12s; Signal recording time: 30s

GENERAL PRECAUTIONS

Always use hand, eye and body protection when operating with harmful reagents

These are general guidelines only. They are subject to change without notice. For additional information please visit www.milestonesrl.com or contact application@milestonesrl.com