

# EYE-SHADOW

## MILESTONE APPLICATION NOTE FOR MERCURY DETERMINATION HG/CO-04



### SUMMARY

This method represents a guideline for the determination of mercury content in eye-shadow 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. Metal 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

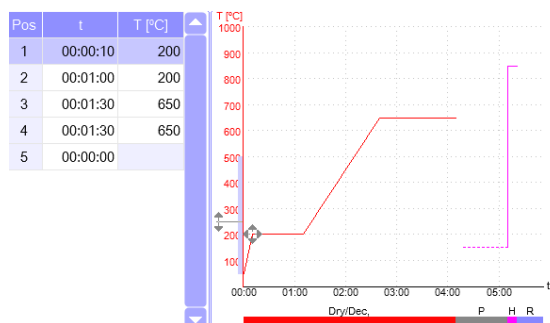
Sample: up to 30 mg.

AdsoQUICK (p/n DMA8603) is recommended as an additive for this sample.

### PROCEDURE

1. Place a boat on the balance plate, tare it and weigh approximately 200 mg of Additive.
2. Add the sample and record the exact weight.
3. Introduce the boat into sample tray
4. 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](http://www.milestonesrl.com) or contact [application@milestonesrl.com](mailto:application@milestonesrl.com)