## Procedure

## Feathers

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

DMA-80 program

| $\mathrm{N}^{\circ}$ step | Time | Temperature |
| :---: | :---: | :---: |
| 1 | $00: 00: 10$ | $200^{\circ} \mathrm{C}$ |
| 2 | $00: 02: 00$ | $650^{\circ} \mathrm{C}$ |
| 3 | $00: 01: 00$ | $650^{\circ} \mathrm{C}$ |
| Max start temp: $200^{\circ} \mathrm{C}$ <br> Purge: 60 sec |  |  |

## Results

| Analysis result <br> $\mathrm{mg} / \mathrm{kg}$ | Expected <br> $\mathrm{mg} / \mathrm{Kg}$ | Statistical data <br> (RSD) |
| :---: | :---: | :---: |
| $22 \pm 1$ | 27 | $5.17 \%$ |

## Conclusion

The DMA-80 Mercury Analyzer successfully processed Feathers sample. Total analysis time per sample was less than 7 minutes, including the time employed to weigh each sample into the boat.

