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--------------------------------------------------------------------------
 Method parameters
--------------------------------------------------------------------------
Method          : AB422 Determination Hg.mth
Title           : AB 422_2 Determination of Hg
Remark1         : 10 mL sample + 1 mL electrolyte
Remark2         : 3% formic acid, 0.06 mol/L KCl, 5 mg/L Fe(III)


Calibration     : Standard addition
Technique       : Batch
Addition        : Manual


Sample ID       : Sample
Sample amount (mL): 10.000
Cell volume (mL): 11.000


Voltammetric parameters
--------------------------------------------------------------------------
Mode                            : DP - Differential Pulse

Highest current range           : 10   mA
Lowest current range            : 100 nA

Electrode                       : SSE/RDE
Stirrer speed (rpm)             : 2000

Initial electr. conditioning    : No

No. of additions                : 2
No. of replications             : 2

Measure blank                   : No
Addition purge time (s)         : 0

Initial purge time (s)          :        0

Conditioning cycles
Start potential (V)             :    -0.300
End potential (V)               :     0.850
No. of cycles                   :        5

Hydrodynamic (measurement)      :       No
Cleaning potential (V)          :     0.750
Cleaning time (s)               :    10.000
Deposition potential (V)        :     0.300
Deposition time (s)             :    90.000

Sweep
Equilibration time (s)          :     5.000
Start potential (V)             :     0.300
End potential (V)               :     0.600
Voltage step (V)                :     0.004
Voltage step time (s)           :     0.400
Sweep rate (V/s)                :     0.010
Pulse amplitude (V)             :     0.050
Pulse time (s)                  :     0.040

Cell off after measurement      :       Yes
```

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Peak evaluation
-------------------------------------------------------------------------------
Regression technique              : Linear Regression
Peak evaluation                   : Height
Minimum peak width (V.steps)      : 5
Minimum peak height (A)           : 1.000e-010
Reverse peaks                     : No
Smooth factor                     : 4
Eliminate spikes                  : Yes


Substances
-------------------------------------------------------------------------------
Hg                      : 0.440 V   +/- 0.050 V

Standard solution       : 1   1.000 mg/L
Addition volume (mL)    : 0.050

Mercury                 : Final result (Hg) =
                          Conc * (11 / 10) * (1e+006 / 1) + 0 - 0


Baseline
-------------------------------------------------------------------------------
Substance Addition    automatic start (V) end (V) type        scope
-------------------------------------------------------------------------------
Hg        Sample     yes        ---       ---     linear      wholePeak
          Addition 1 yes        ---       ---     linear      wholePeak
          Addition 2 yes        ---       ---     linear      wholePeak
-------------------------------------------------------------------------------


 Solutions
-------------------------------------------------------------------------------

  No. Content                                      Predose (mL)
  --- ------------------------------------------- ------------


Export options
-------------------------------------------------------------------------------
Export final results as ASCII:  no

Export final results as CSV:    no

Export final results as XML:    no

Export determination to AutoDB: no
```