
Method parameters

Method : AB433_Plating Ag Film.mth
Title : Plating silver film
Remark1 : 10 mL H2O + 1 mL plating electrolyte + 1 mL c(Ag) = 20 mg/L
Remark2 : Plating electrolyte: c(SSA) = 0.4 mol/L, c(NaOH) = 1 mol/L

Calibration : Standard addition
Technique : Batch
Addition : Manual

Sample ID : Plating Ag Film
Sample amount (mL): 12.000
Cell volume (mL): 12.000

Voltammetric parameters

Mode : DC - Sampled Direct Current

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

Electrode : SSE/RDE
Stirrer speed (rpm) : 3000

Initial electr. conditioning : No

No. of additions : 0
No. of replications : 1

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

Initial purge time (s) : 0

Conditioning cycles
Start potential (V) : -0.500
End potential (V) : 0.400
No. of cycles : 5

Hydrodynamic (measurement) : No
Cleaning potential (V) : -1.000
Cleaning time (s) : 60.000
Deposition potential (V) : 0.000
Deposition time (s) : 0.000

Sweep
Equilibration time (s) : 5.000
Start potential (V) : -0.400
End potential (V) : -0.100
Voltage step (V) : 0.006
Voltage step time (s) : 0.060
Sweep rate (V/s) : 0.099

Cell off after measurement : Yes

Peak evaluation

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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

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Baseline

Solutions

Export options

Export final results as CSV: no

Export determination to AutoDB: no