
Method parameters

Method : AB416_Cleaning scTRACE Gold.mth
Title : Cleaning of the scTRACE Gold
Remark1 : 12 mL cleaning solution
Remark2 : Cleaning solution: $c(\text{H}_2\text{SO}_4) = 0.5 \text{ mol/L}$, $c(\text{KCl}) = 0.05 \text{ mol/L}$

Calibration : Standard addition
Technique : Batch
Addition : Manual

Sample ID : Cleaning scTRACE Gold
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) : 2000

Initial electr. conditioning : No

No. of additions : 0
No. of replications : 4

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

Initial purge time (s) : 0

Conditioning cycles
Start potential (V) : -0.300
End potential (V) : 1.000
No. of cycles : 10

Hydrodynamic (measurement) : No
Cleaning potential (V) : 0.100
Cleaning time (s) : 5.000
Deposition potential (V) : -0.300
Deposition time (s) : 10.000

Sweep
Equilibration time (s) : 5.000
Start potential (V) : -0.300
End potential (V) : 0.200
Voltage step (V) : 0.010
Voltage step time (s) : 0.025
Sweep rate (V/s) : 0.397

Cell off after measurement : Yes

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

Baseline

Substance Addition automatic start (V) end (V) type scope

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