

VA Application Note No. V-70

Title: Iodide in glacial acetic acid

Summary: Iodide can be determined by cathodic stripping voltammetry (CSV) at the HMDE.

Sample: Glacial acetic acid 100%
Sample preparation: 10 mL glacial acetic acid + 2 mL water

Iodide:
Electrolyte: none
AE: Pt
RE: Ag/AgCl/KCl (3 mol/L) // KNO₃ sat.
Parameters: DPCSV at HMDE
 Deposition: 0 mV (60 s)
 Determination: -300 mV to -600 mV
 Peak potential iodide: -470 mV

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|-----------------|----------|
| Results: | Iodide |
| | 3.9 µg/L |

Determination of iodide

