

## VA Application Note No. V-80

Title:	Germanium in lead	
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**Summary:**Germanium can be determined by adsorptive stripping voltammetry (AdSV) at the HMDE using acetate buffer as supporting electrolyte and catechol as complexing agent.

Sample: Metallic lead

Sample preparation: The metal is dissolved in nitric acid

Germanium:

Electrolyte: Catechol + acetate buffer

AE: Pt

RE: Ag/AgCl/KCl (3mol/L)
Parameters: DPAdSV at HMDE

Deposition: -500 mV (30 s) Determination: -500 mV to -900 mV

Peak potential Ge: -700 mV

Results: Ge 62 mg/kg

## Determination of germanium

