

VA Application Note No. V- 7

Title: Total arsenic in brine

Summary: Determination of total As in brine

Sample: Saturated NaCl solution
Sample Preparation: none

Arsenic:

Electrolyte: HCl, 30%

AE: Pt (special intermediate electrolyte vessel required)

RE: Ag/AgCl/KCl 3M

Parameters: DPASV (+50 mV), special Au-RDE
 $U_{meas} = -1200$ mV (60s), $U_{meas} = -200$ mV (10s),
 $U_{meas} = -200$ mV (15s) without stirring, $U_{start} = -200$ mV,
 $U_{end} = +300$ mV
 $E_p(As) = +150$ mV

Results:	As μg/L
	19

Determination of arsenic

