

# 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  
 $U_{\text{meas}} = -1200 \text{ mV (60s)}$ ,  $U_{\text{meas}} = -200 \text{ mV (10s)}$ ,  
 $U_{\text{meas}} = -200 \text{ mV (15s)}$  without stirring,  $U_{\text{start}} = -200 \text{ mV}$ ,  
 $U_{\text{end}} = +300 \text{ mV}$   
 $E_p(\text{As}) = +150 \text{ mV}$

<b>Results:</b>	<b>As</b> $\mu\text{g/L}$
	<b>19</b>

## Determination of arsenic

