

VA Application Note No. V- 23

Title: Aluminium in alkaline ZnO solution

Summary: Determination of Al in alkaline ZnO solution with Eriochrome Blue Black R at 60°C

Sample: Alkaline ZnO solution
Sample Preparation: UV digestion

Aluminium:

Electrolyte: Acetate buffer, Eriochrome Blue Black R, thermostated determination at 60°C

AE: Pt

RE: Ag/AgCl/KCl 3M

Parameters: DPCSV (-50 mV), HMDE
 $U_{\text{meas}} = -380 \text{ mV}$ (30s), $U_{\text{start}} = -300 \text{ mV}$, $U_{\text{end}} = -600 \text{ mV}$
 $E_p(\text{Al}) = -450 \text{ mV}$

Results:	Al mg/L
	4.1

Determination of aluminium

