

# VA Application Note No. V- 53

**Title:** Artemisinin and Artesunate in standard

**Summary:** Determination of Artemisinin and Artesunate in standard

**Sample:** Standard 99%  
**Sample Preparation:** Dilution in methanol 75%

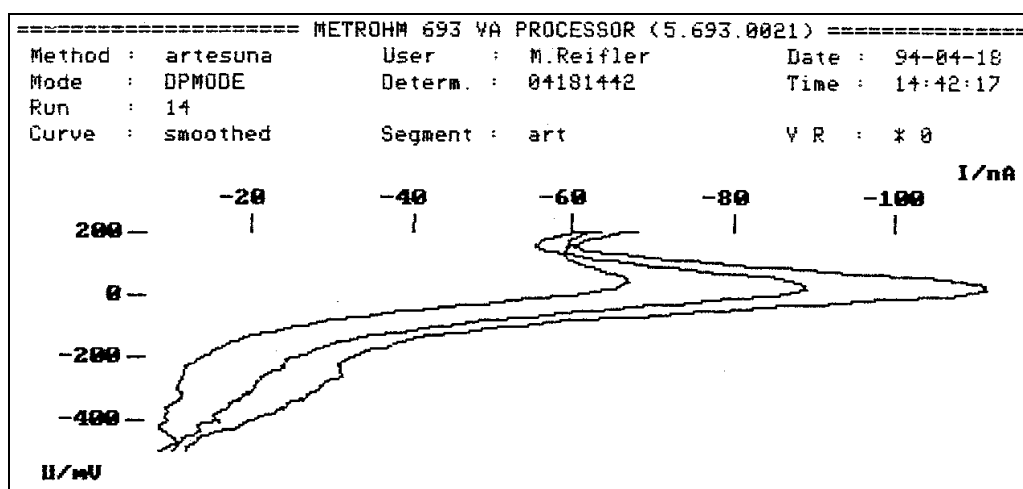
## Artemisin:

**Electrolyte:** Ammonium sulphate and methanol  
**AE:** Pt  
**RE:** Ag/AgCl/LiCl sat. in ethanol  
**Parameters:** DPPOL (-50 mV), DME  
 $U_{\text{start}} = +150 \text{ mV}$ ,  $U_{\text{end}} = -500 \text{ mV}$   
 $E_p (\text{Artemisin}) = -50 \text{ mV}$

## Artesunate:

**Electrolyte:** Ammonium sulphate and methanol  
**AE:** Pt  
**RE:** Ag/AgCl/LiCl sat. in ethanol  
**Parameters:** DPPOL (-50 mV), DME  
 $U_{\text{start}} = +200 \text{ mV}$ ,  $U_{\text{end}} = -500 \text{ mV}$   
 $E_p (\text{Artesunate}) = +20 \text{ mV}$

## Determination of Artesunate



## Determination of Artemisinin

