Comparing analytical methods

An ion-selective electrode (ISE) determination of sulphide from sulphate-reducing bacteria was compared with a gravimetric determination.

The result, obtained were expressed in milligrams of sulphide.

Sulphide (ISE method): 108,12,152,3,106,11,128,12,160,128

Sulphide (gravimetry): 105,16,113,0,108,11,141,11,182,118

Comment on the suitability of the ISE method for this sulphide determination (Al-

Hitti, I. K., Moody, G. ]. and Thomas, J. D. R. 1983. Analyst 108: 43).