

Mass KIO ₃ in 250 ml (g)	0.41597	0.41597
Molar mass of KIO ₃ (g/mol)	214.0	214.0
Moles KIO ₃ in 250 ml	0.00194379	0.00194379
ml KIO ₃ soln injected	1	1
moles KIO ₃ injected	7.7751E-06	7.7751E-06
ml 1N (?) HCl injected	1	1
moles HCl injected	0.001	0.001
mL 10% KI solution	1	1
moles KI injected	0.00060241	0.00060241
moles I ₂ generated	2.3325E-05	2.3325E-05
Molarity of Na ₂ S ₂ O ₃ sln	0.01	0.01
Titre volume ml	3.9683	4.3416
moles Na ₂ S ₂ O ₃ titrated	3.9683E-05	4.3416E-05
moles excess I ₂ titrated	1.9842E-05	2.1708E-05
moles I ₂ that reacted with Sn ²⁺	3.4839E-06	1.6174E-06
moles of Sn ²⁺ reacted	3.4839E-06	1.6174E-06
ml SnCl ₂ soln injected	1	1
molarity of SnCl ₂ soln	0.00348392	0.00161742
Molar mass of SnCl ₂	189.7	189.7
Concentration of SnCl ₂ (g/l)	0.66089973	0.30682468
Concentration of SnCl ₂ (µg/ml)	660.89973	306.82468