

of antimony tetroxide, and 1 gm. of tin oxide in 250 c.c. The sulphide of arsenic, after separation, was dissolved in nitric acid, the arsenic precipitated by magnesia mixture, and weighed as magnesium pyro-arsenate :—

—	As ₂ O ₃ (calculated).	As ₂ O ₃ (estimated).
(1)	0·1000	0·0981
(2)	0·1000	0·0983

In qualitative work, the solution of the sulphides in yellow ammonium sulphide may first be precipitated by dilute hydrochloric acid. The mixture of sulphides, on being filtered and washed, may then be separated as described above. This is preferable to the method of pouring the solution into concentrated hydrochloric acid.

