

Answer on Question #51866 - Chemistry – Other

Question

A type of titration in which an accurately measured amount of one of the standard solution is added to the sample, in excess of the stoichiometric amount of the substance to be determined in the sample, then unreacted excess is titrated with another standard solution is called _____.

Acid base titration

indirect titration

direct titration

back titration

Answer:

A type of titration in which an accurately measured amount of one of the standard solution is added to the sample, in excess of the stoichiometric amount of the substance to be determined in the sample, then unreacted excess is titrated with another standard solution is called back titration. A back titration is useful if the endpoint of the reverse titration is easier to identify than the endpoint of the normal titration, as with precipitation reactions.

Answer: back titration