National foreword

This draft Tanzania standard is being prepared by the Ores and Concentrates Technical Committee (MMDC 6), under the supervision of the Mining and Minerals Standards Divisional Committee (MMDC).

This draft Tanzania Standard is the identical adoption of ISO 12739:2006 Zinc sulfide concentrates — Determination of zinc — Ion exchange/EDTA titrimetric method which was prepared by ISO/TC 183, Copper, lead, zinc and nickel ores and concentrates.

The ISO standard title on the cover page has been written in bilingual, for the purpose of this Tanzania standard only English text of the title should be used.

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following:

- The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.

- Wherever the words ‘International Standard’ appears in the text, referring to this draft standard, they should read as ‘Tanzania Standard’.
Scope

This draft Tanzania Standard specifies an ion-exchange/EDTA titrimetric method for the determination of the mass fraction of zinc in zinc concentrates. The method is applicable to zinc sulfide concentrates having a mass fraction of zinc in the range from 11 % to 62 %.