MAURITIAN STANDARD

MS 51:2008

Second edition
2008-09-27

Solid compound fertilizers - Specification and test methods

PREVIEW

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Foreword

This Mauritian Standard was drawn by the Chemicals Standards Committee (CSC) through its Subcommittee on Fertilizers and approved by the Standards Council on 23 July 2008. It was notified in the Government Gazette on 27 September 2008*

This second edition incorporates a full revision of the standard. It cancels and replaces the first edition (MS 51:1985) as well as MS 68:1988 which has been technically revised. The main changes are as follows:

(i) the title and the scope of the standard have been amended, it now covers the requirements and test methods which were previously covered by MS 51 and MS 68;

(ii) an informative Annex A, which gives a schematic diagram of sampling process, has been incorporated;

(iii) the method of preparation of test sample has been revised and is based on ISO 7742 and ISO 8358 respectively.

Informative references

In preparing this standard reference were made to the following documents:

1.ISO 8157:1984 *Fertilizers and soil conditioners - Vocabulary*

2.IS 7863:1975 *Specification for fertilizer physical mixtures*

3. The Chemical Fertilizers Control Act (Mauritius) 1980

4. The Fertilizers and Feeding Stuffs Regulations

*General Notice No. 1775 of 2008

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Solid compound fertilizers – Specification and test methods

1 Scope

This Mauritian Standard specifies requirements and methods of test for solid compound fertilizers.

This standard is not applicable for fluid and straight fertilizers.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest document (including any amendments) applies.

ISO 5310 *Fertilizers - Determination of potassium content - Titrimetric method*

ISO 5315 *Fertilizers - Determination of total nitrogen content - Titrimetric method after distillation*

ISO 5316 *Fertilizers - Extraction of water-soluble phosphates*

ISO 5317 *Fertilizers - Determination of water-soluble potassium content - Preparation of test solution*

ISO 6598 *Fertilizers - Determination of phosphorus content - Quinoline phospho-molybdate gravimetric method*

ISO 7742 *Solid fertilizers – Reduction of samples*

ISO 7497 *Fertilizers - Extraction of phosphates soluble in mineral acids*

ISO 8358 *Solid fertilizers – Preparation of samples for chemical and physical analysis*

The Fertilizers and Feeding stuffs Regulations

1	Statutory Instruments 1973, No. 1521 Section 5.3	Determination of potassium content - Flame photometric method
2	Statutory Instruments 1978, No. 1108 Section 3c	Determination of nitrate nitrogen and ammoniacal nitrogen (Devarda Method)
3	Statutory Instruments 1978, No. 1108 Section 12h	Determination of water soluble magnesium – EDTA method

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