

**SRI LANKA STANDARD 1104 : 2014**  
**UDC 661.632.2**

**SPECIFICATION FOR  
MAGNESIUM SULFATE  
MONOHYDRATE (FERTILIZER GRADE)  
(First Revision)**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**SPECIFICATION FOR MAGNESIUM SULFATE MONOHYDRATE**  
**(FERTILIZER GRADE)**  
**(First Revision)**

**SLS 1104 : 2014**

**Gr. 5**

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## **FOREWORD**

This Standard was approved by the Sectoral Committee on Agriculture and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2014-09-02.

This Standard was first published in 1995 under the title of Kieserite Fertilizer Grade. In this revision, the title has been changed and limits for potentially toxic elements have been included.

This standard is subject to the restrictions imposed under the Regulation of Fertilizer Act No. 68 of 1988 of Sri Lanka, amendments and the regulations framed there under, where applicable.

Guidelines for the determination of compliance of a lot to the requirements of this standard based on statistical sampling and inspection are given in Appendix A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis shall be rounded off in accordance with **SLS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this standard.

In the preparation of this standard, the valuable assistance derived from the following publications are greatly appreciated: AGP fertilizer specification of the of the Food and Agriculture Organization (FAO) of the United Nations and the Association of Official Analytical Chemists (AOAC).

## **1 SCOPE**

This standard prescribes the requirements and methods of sampling test for magnesium sulfate mono hydrate of fertilizer grade.

## **2 REFERENCES**

- SLS 102 Rules for rounding off numerical values
- SLS 124 Test sieves
- SLS 544 Code of practice for handling and storage of bagged fertilizers
- SLS 559 Method for sampling of fertilizers
- SLS 645 Method of test for fertilizers