

SRI LANKA STANDARD 1105 : 1995

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**SPECIFICATION FOR
EPSOM SALT (FERTILIZER GRADE)**

SRI LANKA STANDARDS INSTITUTION

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SLS 1105 : 1995

Gr. 5

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**Sri Lanka Standard
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FOREWORD

This standard was approved by the Sectoral Committee on Chemicals and Chemical Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1995-11-23.

Guidelines for the determination of a compliance of a lot with 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 specification 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 CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this specification.

1 SCOPE

This specification prescribes the requirements and methods of test for epsom salt (magnesium sulfate hepta hydrate), fertilizer grade.

2 REFERENCES

- CS 102 Presentation of numerical values
- CS 124 Test sieves
- SLS 544 Code of practice for handling and storage of bagged fertilizers
- SLS 559 Sampling of fertilizers
- SLS 645 Methods of test for fertilizers
 - Part 2 Determination of moisture content
 - Part 6 Determination of calcium and magnesium content

3 REQUIREMENTS

3.1 General requirements

3.1.1 The material shall be in the form of free flowing colourless crystals, and free from visible foreign matter. It shall be completely soluble in water.