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SPECIFICATION FOR ALUMINIUM SULPHATE
(TECHNICAL GRADE)
(First Revision)

SRI LANKA STANDARD INSTITUTION

Sri Lanka Standard
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SLS 701: 2017

Gr. 8

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SRI LANKA

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FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of Sri Lanka Standards Institution on 2017-12-04.

This Standard was first published in 1985 covering the “Technical grade” of Aluminium sulphate used in industries and for the treatment of potable water. In this Revision Aluminium sulphate used for the treatment of potable water has been excluded from the scope. This Revision introduces two types of Aluminium sulphate, limits and methods to determine particle size, water soluble Aluminium sulphate, Ammonical nitrogen and Iron content.

All Standard values given in this Specification are in SI units.

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 Specification, the assistance obtained from the following publications are gratefully acknowledged:

ASTM E 300-03: 2017	Standard practice for sampling industrial chemicals
IS 260: 2001	Aluminium sulphate, non- ferric Specification (Second Revision)
JIS K 1450: 1996	Aluminium sulphate for water works
SABS 1241: 2010	Specification- Aluminium sulphate

1 SCOPE

1.1 This Specification prescribes the requirements, method of sampling and test for Aluminium sulphate, suitable for use in industries.

1.2 This Specification does not cover Aluminium sulphate used for purification of drinking water supplies.

2 REFERENCE

SLS 102	Rules for rounding off numerical values
SLS 124	Test sieves
SLS 312	Determination of Arsenic
SLS 428	Random sampling methods