

**SRI LANKA STANDARD 1131: 2021**  
UDC 631.841:661.52

**SPECIFICATION FOR  
AMMONIUM PHOSPHATES  
(FERTILIZER GRADE)**  
*(First Revision)*

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**SPECIFICATION FOR AMMONIUM PHOSPHATES**  
**(FERTILIZER GRADE)**  
**(First Revision)**

**SLS 1131: 2021**

**Gr. 5**

*Copyright Reserved*  
**SRI LANKA STANDARDS INSTITUTION**  
**No. 17, Victoria Place,**  
**Elvitigala Mawatha,**  
**Colombo 08.**  
**SRI LANKA**

**Sri Lanka Standard**  
**SPECIFICATION FOR AMMONIUM PHOSPHATES**  
**(FERTILIZER GRADE)**  
(First Revision)

## **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 2021-09-01

Diammonium phosphates are manufactured by reacting ammonia with phosphoric acid.

Guidelines for the determination of 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 results 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.

In the preparation of this standard, the assistance derived from the following publication is gratefully acknowledged:

**FAO Fertilizer Specification, IS 6448:** 1993 Indian standard specification for diammonium phosphate (Second revision)

## **1 SCOPE**

This specification prescribes the requirements, methods of test, marking and packaging for monoammonium phosphate and diammonium phosphates, fertilizer grade.

## **2 REFERENCES**

- AOAC Official Method 2006.03
- SLS 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 1 Determination of nitrogen content
  - Part 2 Determination of moisture content
  - Part 5 Determination of phosphorous content