

(PREVIEW)

*Indian Standard*  
**SPECIFICATION FOR  
POTASSIUM NITRATE FOR EXPLOSIVE AND  
PYROTECHNIC COMPOSITIONS**

## 0. FOREWORD

**0.1** This Indian Standard ( Second Revision ) was adopted by the Indian Standards Institution on 29 January 1982, after the draft finalized by the Explosives and Pyrotechnics Sectional Committee had been approved by the Chemical Division Council.

**0.2** This Indian Standard was originally issued in 1951 and revised in 1963. In the first revision, the limits for potassium nitrate content, water insoluble organic matter and matter insoluble in aqua regia had been included. A flame photometer method for the determination of sodium was prescribed as an alternate method. In the present revision new methods for the determination of chlorides, chlorates, perchlorates and potassium nitrate contents have been included.

**0.3** This standard contains clauses **3.3** and **4.1** which call for agreement between the purchaser and the supplier.

**0.4** 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 analysis, shall be rounded off in accordance with IS : 2-1960\*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

---

## 1. SCOPE

**1.1** This standard prescribes the requirements and the methods of sampling and test for potassium nitrate used in the explosive and pyrotechnic compositions.

---

\*Rules for rounding off numerical values ( *revised* ).