

**Brief summary on IS 2214: 1977 Specification for silver nitrate, pure and analytical reagent (First Revision)**

Silver nitrate is colorless crystals free from dirt, foreign matter and visible impurities. Silver nitrate is used for making photographic films due to the property of forming precipitates of silver halides. It serves as anti-infective/antiseptic/antibacterial/cauterizing agent. It works as an anti-infective agent in the treatment of wounds/burns. Most silver-based explosives can be prepared with precipitation of silver nitrate with other substances.

IS 2214 was first published in 1962 -under the title 'Specification for silver nitrate, technical and analytical reagent' and first revised in 1977.

This standard prescribes requirements and methods of sampling and test for silver nitrate suitable for use in electroplating and other chemical processes ( other than photofilms production ) and as analytical reagent. This standard prescribes the following two grades of silver nitrate:

- a) Pure Grade - suitable for electroplating, silvering of mirrors and other processes, other than photofilms, and
- b) Analytical Reagent Grade - suitable for use in chemical analysis.