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ABSTRACT

5 An etchant composition for silver or a silver alloy, which comprises a multi valence carboxylic acid, phosphoric acid, nitric acid, and water. The multi valence carboxylic acid is at least one selected from the group consisting of oxalic acid, malonic acid, succinic acid, glutaric acid, aconitic acid, ketoglutaric acid, maleic acid, citraconic acid, malic acid, tartaric acid, and citric acid.