In this paper, Painlevé analysis of supersymmetric extensions of the Sawada-Kotera (SK) equation is performed. It is shown that only two simple supersymmetric extensions of the Sawada-Kotera equation pass the Painlevé test. One of them was proposed by Tian and Liu, the other one is a B-extension of the SK equation.

Key words: Supersymmetric Sawada-Kotera Equation; Supersymmetric Extension; Painlevé Analysis.