

## عنوان مقاله:

The investigation of pyrocatechol electrochemical mechanism in presence of nitrite ion on platinum electrode

## محل انتشار:

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## خلاصه مقاله:

In this study, the electrochemical mechanism of catechol in presence and absence of nitrite ion, is investigated in phosphate buffer medium (pH=7) using platinum electrode through cyclic voltammetry method in various scan rates. Electrochemical oxidation of catechol showed how quinone has changed to o-benzoquinone and also how o-benzoquinone has reacted with nitrite ion and potential scan rate has effected on

## کلمات کلیدی:

pyrocatechol, nitrite ion, electrochemical mechanism, cyclic voltammetry

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/792631>

