عنوان مقاله:

Investigation of complex formation between Ce3+ ion and pyridine-2,6-dicarboxylic acid(pydc) / nicotin amide(na) proton transfer system in aqueous solution

محل انتشار:

دومین همایش ملی نفت ،گاز و پتروشیمی (سال: 1391)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

In this study the complexation equilibrium and stabilities of proton transfer systems, binary and ternary complexes of pyridine-2,6-dithiocarboxcilic Acid or dipicolonic acid (pydc) and nicotine amide (na) with Ce3+ has been studied by potentiometric method and the results compared with their spectrum information or X-ray crystal structures in solid state. Ion in an aqueous solution was investigated by potentiometric pH titration method. The stoichiometry of the most .complexes species in solution was found to be similar to the crystalline complexes

کلمات کلیدی:

Potentiometric study, pyridine-2,6-dithiocarboxcilic Acid, nicotine amide

لینک ثابت مقاله در پایگاه سیویلیکا: