

两次双波长分光光度法同时测定痕量铝(III)和铁(III)

李天增 黑龙江省大庆市 大庆职业学院化工系 163255

王艳玲 黑龙江省大庆市 大庆职业学院化工系 163255

杨铭枢 黑龙江省大庆市 大庆职业学院化工系 163255

摘要: 研究以MTB为显色剂、CTMAB为增溶增敏剂,利用系数补偿和双峰双波长的两次双波长分光光度法,同时测定Al(III)和Fe(III)的实验条件,线性范围Al: 0~25 μ g/25mL、Fe: 0~30 μ g/25mL,该法用于合成水样和硅石试样的测定,结果满意

关键词:

文章全文为PDF格式,请下载至本机浏览。[[下载全文](#)]

如您没有PDF阅读器,请先下载PDF阅读器 [Acrobat Reader](#) [[下载阅读器](#)]

Simultaneous determination of aluminium(III)and iron(III) by twice dual-wavelength spectrophotometry

163255

163255

163255

Abstract: Making use of twice dual-wavelength spectrophotometric method, the compensating coefficient method and the dual peak dual wavelength method, a experimentation method had been developed for simultaneous determination of trace Aluminium (III) and Iron (III) with MTB as chromogenic reagent and CTMAB as surfactant. Beers law is obeyed over the range of 0~25 μ g/25mL for Al and 0~30 μ g/25mL for Fe. The method has been applied to the simultaneous determination of Al and Fe in the tap water and silica, the results coi

Key words:

[【大 中 小】](#) [[关闭窗口](#)]