

论文  
PANS含量测定的研究——I.重氮化返滴定法测定PANS的含量

萧其杰;吴丽君  
沈阳药学院药化教研室

摘要:

关键词:

STUDY ON THE ESTIMATION OF PANS I .ESTIMATION OF PANS BY DIAZOTIZATION METHOD

HSIAO CHEE-CHI ET WU LEE-CHN

Abstract:

A method for the estimation of PANS is proposed as follows: Weigh accurately 0.4 to 0.5 gm of sample into a 200 ml beaker and dissolve in 30 ml water by the addition of 20 ml of 20 per cent sodium hydroxide solution.Heat the solution with a small flame and boil gently for one hour,cool and neutralise with hydrochloric acid under cooling with ice water.Add 3 gm of potassium bromide and an excess of M/10 sodium nitrite solution.After agitating for several minutes 15 ml of hydrochloric acid are added with thorough agitation cooling.Stir the solution continuously for fifteen minutes and back titrate the excess of sodium nitrite with a standard solution of para-aminobenzenesulfonic acid,using starch-iodide as indicator.Each ml of M/10 sodium nitrite solution is equivalent to 44.66 mg PANS.

Keywords:

收稿日期 1960-02-09 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

参考文献:

本刊中的类似文章

文章评论 (请注意:本站实行文责自负, 请不要发表与学术无关的内容!评论内容不代表本站观点.)

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text"/> 1219

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(121KB)
- ▶ [HTML全文]
- ▶ 参考文献

服务与反馈

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ 引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶ 浏览反馈信息

本文关键词相关文章

本文作者相关文章

- ▶ 萧其杰
- ▶ 吴丽君

PubMed

- ▶ Article by
- ▶ Article by