الأيـــــــــة

قال تعالى :

(الرَّحْمَنُ * عَلَّمَ الْقُرْآنَ * خَلَقَ الْإِنْسَانَ * عَلَّمَهُ الْبَيَانَ)

صدق الله العظيم

سوره الرحمن الآيات 1-4

Dedication

To

My Father…….

My Mother…….

My Husband……..

My Son……..

And all my family……

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ABSTRACT

Tobacco (nicotinarustica) contains a chemical called nicotine. Which is an addictive substance.

This study was conducted to determine the percentage of nicotine in a sample of tobacco (nicotinarustica), where the sample collected from the stores of tobacco dealers in Omdurman. **Soxhlet device**was used to extract nicotine from the sample. And it has been used **IR device** for detecting the identity of nicotine extract. Also been using **UVdevice** and **device HPLC** to determine the percentage of nicotine in the tobacco sample, It was found that the ratio of 5.25% and 5.398% respectively.

ملخص البحث

يحتوي التبغ (nicotinarutica)علي مادة كيميائية تسمي النيكوتين. النيكوتين من المواد التي تسبب الإدمان.

أجريت هذه الدراسة لتحديد نسبة النيكوتين في عينة من التبغ حيت جمعت العينة من مخازن تجار التبغ بمدينة أم درمان . حيث تم استخدام جهاز soxhlet لاستخلاص النيكوتين من العينة . و تم استخدام جهاز IR للكشف عن هوية مستخلص النيكوتين .أيضا تم استخدام جهاز UV و جهاز HPLC لتحديد نسبة النيكوتين في عينة التبغ . حيث وجدت نسبة النيكوتين في التبغ 5.25 و 5.498 علي التوالي .

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