

الآية

﴿ وَهُوَ الَّذِي أَنْزَلَ مِنَ السَّمَاءِ مَاءً فَأَخْرَجْنَا بِهِ نَبَاتٍ كُلِّ شَيْءٍ فَأَخْرَجْنَا مِنْهُ خَضِرًا نُخْرُجُ مِنْهُ
حَبًّا مُتَرَاكِبًا وَمِنَ النَّخْلِ مِنْ طَلْعِهَا قِنْوَانٌ دَانِيَةٌ وَجَنَّاتٍ مِنْ أَعْنَابٍ وَالزَّيْتُونَ وَالرُّمَّانَ مُشْتَبِهًا
وَغَيْرَ مُتَشَابِهٍ انظُرُوا إِلَى ثَمَرِهِ إِذَا أَثْمَرَ وَيَنْعِهِ إِنَّ فِي ذَلِكَُمْ لَآيَاتٍ لِقَوْمٍ يُؤْمِنُونَ ﴾

سورة الانعام الآية ﴿٩٩﴾

Dedication

To the satisfaction of human values and was the best role model in
life

....To my dear father

To which I was embraced by her tenderness and the secret of my
existence

....To my dear mother

To the secret of my strength and happiness

....To my brothers and sister....

..To my fellow travelers of Miriam and Hassan..

....To all my friend

....To all my teacher

....To my inspiration

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Abstract

The aim of this research is to study a spectroscopy application to identify some of the components of the sample of Senna Alexandrina by X-ray fluoridated and calculate the concentrations.

In the peels of Senna Alexandrina containing Chromium (Cr) at a rate of 0.10%, Magnesium (Mn) at rate of 0.07%, Iron (Fe) at rate of 0.23% and very small rate of Nickel (Ni) and Zinc (Zn) by 0.01%, and in sample of the grain of Senna Alexandrina have lower proportions of elements compared to peels where it contains Chromium (Cr) at a rate of 0.05% and Iron (Fe) at a rate of 0.07%.

المستخلص

يهدف البحث الى دراسة احدى تطبيقات علم الاطياف للتعرف على بعض العناصر المكونه لعينه من السينامكي بواسطة الاشعه السينيه المتفلورة و حساب التراكيز لها.

حيث وجد ان قشور السينامكي تحتوي على الكروم بتركيز %0.10 وعنصر المغنيزيوم بتركيز %0.07 و عنصر الحديد بتركيز %0.23 وعنصري النيكل و الزنك بتركيز %0.01 بينما تحتوى بزور السينامكي علي عنصر الكروم بتركيز %0.05 وعنصر الحديد بتركيز %0.07 فقط.

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