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Why Use Pencil On Chromatography

A pencil is used to draw lines on the paper because the ink can smear and interfere with the chromatography and the ink will dissolve in the chromatography solvent. If you drop a ball of paper and...

Why is the pencil used in drawing a line in paper ...

why was a pencil used to mark the chromatogram and not a ballpoint or ink pen? Explain why the cation samples are repeatedly spotted and dried on the chromatogram. Part B.3.

1) Why is a pencil used to mark the chromatogram and not a ...

Because it is a solution, some of the components of the ink may be soluble in the solvent you are using in your

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chromatography, in which case the ink mark will spread as the solvent front advances. The easiest way to find the answer to this question is to try it with various inks from various pens as well as marks from several pencils.

why do we use pencil for paper chromatography

Because most pens have pigments/inks which will dissolve in the chromatography solvent. The graphite from a pencil lead is insoluble so won't spread and spoil your chromatogram. 0 0 0

Why do we use pencil instead of pen in Chromatography ...

a chromatography is intended to split up a mixture of compounds into its subparts. if you use a pen, the ink will also be separated. that is why you use a pencil instead. Graphite (pencil lead)...

Why must you use a pencil and not ink to mark the ...

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The graphite of the pencil sits on top of the paper and won't affect the results. If you use ink, it will seep into the paper and itself be subjected to the chromatographic process. The inks will...

why is a pencil and not a pen used to mark the line on the ...

Paper chromatography. 1. Spots of ink or plant dye are placed on a pencil line Phases. Chromatography relies on two different 'phases': the mobile phase. is the solvent. that moves ...

Chromatography - Analysing and identifying substances ...

Samples of each ink are spotted on to a pencil line drawn on a sheet of chromatography paper. Some of the ink from the message is dissolved in the minimum possible amount of a suitable solvent, and that is also spotted onto the same line.

paper chromatography - chemguide

How TLC works - The basic idea Thin

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Layer Chromatography (TLC) is a cheap and quick way of determining how many unique chemicals are in a reaction mixture. For example, let's say you have a reaction with two chemicals (shown below) in a round bottom flask. To run a TLC, you use a pencil (not pen) and mark a line at the bottom of the TLC plate.

Thin Layer Chromatography (TLC) | MendelSet

In paper chromatography, why must the starting line be drawn with a pencil?
Paper Chromatography. Paper chromatography is a type of chromatography technique used for the separation of compound ...

In paper chromatography, why must the starting line be ...

To investigate how paper chromatography. can be used to separate and tell the difference between coloured substances. Method draw a pencil line across the chromatography

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paper, 1 - 2 cm from the ...

Required practical - investigating the composition of inks ...

Expert Answer. 2. Paper chromatography is a method used to separate the components of a mixture. For drawing the line at the base of the paper, pencil should be used and not pen. This is because the ink of the pen will run up the paper. View the full answer.

Solved: 2. Why Must You Use A Pencil, And Not A Pen, To Ma ...

Thin layer chromatography is one of the oldest, most flexible, and most versatile separation techniques [5, 6]. For example, synthetic chemists may use it to monitor reactions and biochemists may use TLC to separate and identify biomolecules, whereas forensic analysts may use it to separate and identify drugs of abuse in body fluids.

A thin layer chromatography laboratory experiment of ...

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You can't use a pen because the ink will travel up the TLC plate with the TLC solvent, just like your chemical samples do. You can only spot/label/mark TLC plates using a pencil. The graphite in a pencil will not run up the plate! For an overview of TLC, see:

MendelSet | Organic Chemistry Practice Problems and ...

Forensic scientists are able to use ink chromatography to solve 1 Students will:

- Use paper chromatography to separate the pigments found in ink samples. ... Use a pencil and make a mark on the paper strip beside the ink dot. 5. Lower the pointed end of the paper into the

Students use paper chromatography and calculate the ...

The graphite in pencils will not dissolve in the solvent as it moves up the plate. Thus, it will not interfere, but still act as a convenient background. The ink in the

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pens can dissolve in the...

Why do you use a pencil instead of a pen to draw lines in ...

A way to separate the components of a mixture; No there's several types: GC, LC, HPLC, and TLC. Why is pencil and NOT pen used to mark the chromatography strips? Because the pen would bleed and spread out. Why do more layers of paint in a chip increase its value as evidence?

Forensics Quiz 1 Flashcards | Quizlet

Paper chromatography is a useful technique in the separation and identification of different plant pigments. In this technique, the mixture containing the pigments to be separated is first applied as a spot or a line to the paper about 1.5 cm from the bottom edge of the paper.

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