

# Finding concentration of caffeine

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*Source:* <http://sci.tech-archive.net/Archive/sci.chem/2005-09/msg00342.html>

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  - *Date:* Fri, 16 Sep 2005 18:43:39 GMT
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A student wants to find the concentration of caffeine in coffee beans. We have a method of extraction, using ethyl acetate. Anyone know of a simple way of determining the concentration of the solution produced. We are a small school with limited apparatus so suggestions such as HPLC, Mass spec and UV spectroscopy are not an option ... although we do have things like burettes, colorimeters and a finite budget!

Thank you  
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Mark