

Re: Gravimetric Analysis.

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- *From:* "Farooq W" <farooq.w@xxxxxxxxx>
 - *Date:* 1 Jul 2005 02:35:57 -0700
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rain.on.moon@xxxxxxxxx wrote:

> Dear All,
> I am in the middle of nowhere. I have had a reaction to synthesize
> tributyl phosphate. The reactants were phosphorus oxychloride, pyridine
> and n-butanol. Now that the reaction is complete. I want to get the
> organic layer separated in the separating funnel analysed. I want to
> know how much quantities of tributyl phosphate, dibutyl phosphate,
> monobutyl phosphate, water and butanol are present in the separated
> organic layer. I have searched for all the available methods of analysis
> but they are qualitative. I want to know if there is any method that
> gives us the percentage of the above mentioned entities. Any sort of
> help will be appreciated.
> Regards.

Do you want to analyse such mixture by gravimetry or by rather classical procedures? Why not try chromatographic methods, say HPLC and develop a method of your own to determine such a mixture of butyl phosphates.

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