Lab Report for 1/11/23:

* Heating mantle extraction was done for methanol solvent in 0.01g and 0.025g of PPP.
* The solutions from 17th and 18th Oct were stored in the cupboard after observations.

Varying PPP Masses in Methanol

* Two 50mL methanol solvents were measured using a measuring cylinder and were added to the beakers containing the PPP (0.007g and 0.022g).
* Then the solvent solutions were placed on the heating mantle for ≈5 minutes at 70oC.
* Then the solutions were filtered and 20mL of each solution was extracted using a 20mL pipette.
* Lastly, 10mL of the standard (as measured using a 10mL pipette) was added to each solution then they were all placed on the shaker.

Colors of the 17th and 18th Solutions

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| --- | --- |
| **Solvent** | **Observations (after shaking)** |
| Water | Golden yellow, highly turbid |
| 50% Ethanol | Pale olive, highly turbid, high amount of brown ppt |
| Ethanol | Dark golden yellow, highly turbid, small amounts of brown and blue ppt. |

*17th, 0.05g of PPP, extracted using heated magnetic stirrer*

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|  | **Solvent** | **Observations (after shaking)** |
| 0.025g | Water | Olive, turbid, small amounts of brown ppt |
| Ethanol | Light blue, some blue ppt. |
| 0.01g | Water | Pale olive |
| Ethanol | Light blue, some blue ppt. |

*18th, extracted using heating mantle*