Lab Report for 13/01/24:

* Absorbance measurements done for 0.05 moldm-3 of copper in 50% methanol.
* Tested for 9 minutes boiling duration in water and 50% ethanol.

Observations of the complexed solutions

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| **Solvent** | **Cu Conc./Boiling Duration** | **Observations** | **Absorbance, % complexation** |
| 50% Methanol | 0.05 M | Very highly turbid, golden-yellow color | 0.210, 24% |
| Water | 9 mins | Highly turbid, olive green with yellow hints, small brown particles seen in solution | 0.186, 33% |
| 50% Ethanol | 9 mins | Highly turbid, pale golden yellow, brown ppt. formed | 0.172, 38% |