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| Test Tube # | First Reagent | Observation of Equilibrium Solution | Second Reagent | Observation of Equilibrium Solution |
| 1 | Fe(NO3)3 | Red, clear | — | — |
| 2 | KSCN | Red, clear | — | — |
| 3 | AgNO3 (colorless, clear) | Colorless (white), cloudy | Fe(NO3)3 | Yellow,  still cloudy |
| 4 | AgNO3 | Colorless (white), cloudy | KSCN | Orange-red,  still cloudy |
| 5 | K3PO4 (colorless, clear) | Yellow, clear | Fe(NO3)3 | Orange-red, cloudy |
| 6 | K3PO4 | Yellow, clear | KSCN | Yellow,  still clear |