**S1 Table. Arsenic waste by method.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Volume (L)\*** | **Concentration (M)** | **Amount (mg)** |
| UV-vis | 2 x 10-3 | 0.025 M As2O3 | 7.5 |
| Test Card | 10 x 10-6 | 0.2 M As2O3 | 0.3 |

7.5/0.3 = 25. It takes 25 times more arsenic by mass to analyze one sample by the UV-vis method than by the test card.

\*Volume of arsenic containing test solution.