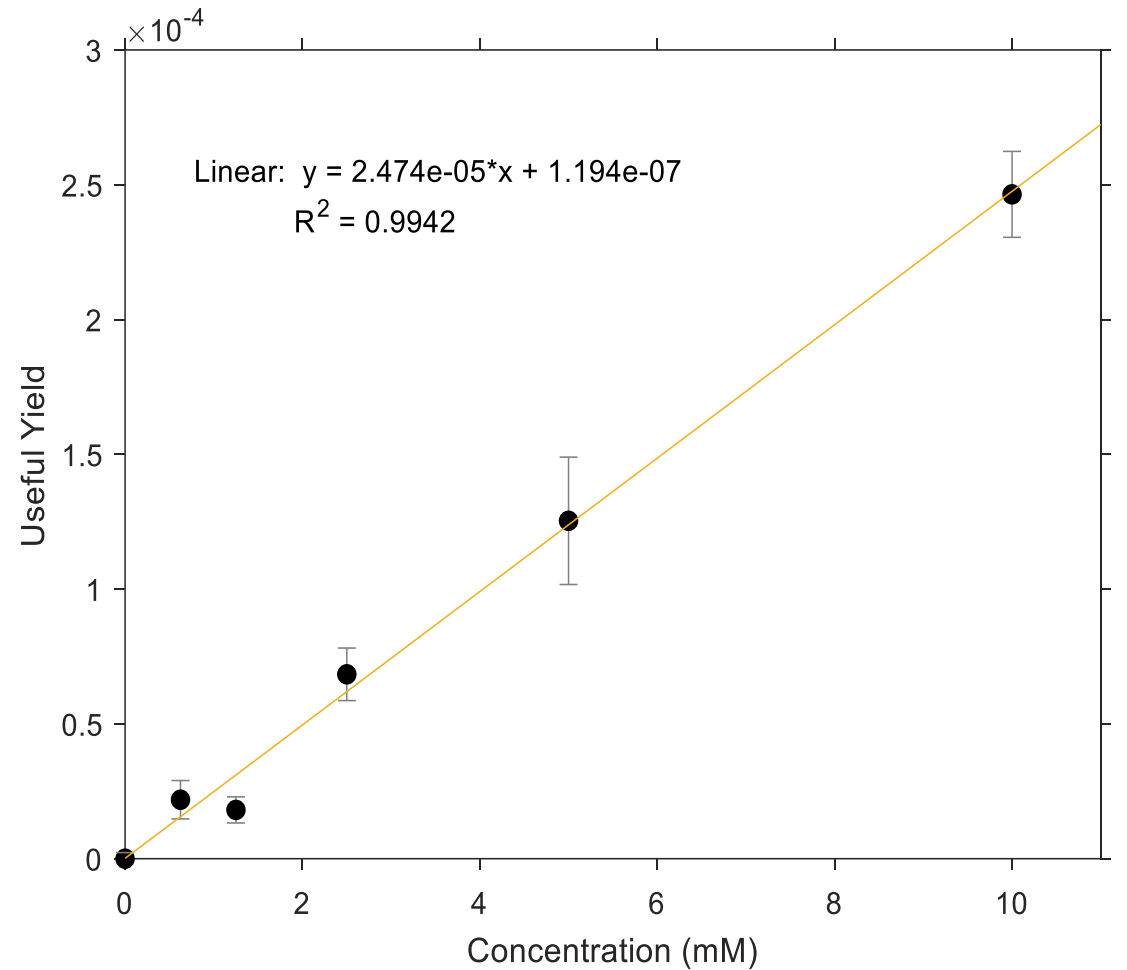


**Figure 1.** Showing the ratio of ranitidine yields for 70 keV water clusters ( $E/m$  0.15 eV/amu). The bar data is obtained by dividing the yields of water clusters with the  $\text{CO}_2/\text{Ar}$  mixture as carrier gas with those of clusters that used pure Ar as carrier. Adapted from Lagator et al. 2022.



**Figure 2.** Calibration curve for acetaminophen molecular ion  $[\text{M}+\text{H}]^+$  on mouse brain tissue