

# Accelerator Mass Spectrometry Program

- ❖ **Accelerator Mass Spectrometry (AMS):**  
An ultra-sensitive means of counting individual atoms of long half life.
- ❖ This technique was established for  $^{36}\text{Cl}$  in Jan 05, 2009 and improvised subsequently.
- ❖ The measurements further extended to  $^{129}\text{I}$  detection and 'exotic' polyatomic anions identification.

