



## Environmental: Carbamates in river water

No complex method development

Fast, accurate mass

Ensures water quality

- Carbamates are known contaminants of river water, EPA maximum concentration of 10 ug/L
- Existing protocols require lengthy SPE work up followed by LC, LC/MS or GC/MS analysis
- 10 ppb spiked river samples simply filtered and pipetted onto a mesh
- DSA-TOF analysis confirms presence of carbamates, with high mass accuracy
- The analysis was performed in 15 seconds with no sample preparation and external calibration

