

ZA3000

INTRODUCTION : By using the twin injection function, newly installed to the ZA3000 series, antimony in river water was analyzed. By using the specially designed twin cuvette (Pyro D HR), a sample is injected into two different injection ports. As a result, the analysis can be performed without extending the drying time even when a large sample volume is injected. By a conventional instrument, it was difficult to detect 0.2 µg/L of antimony, 1/10 of the water quality standard concentration, without in-furnace concentration or other preparations. With the twin injection function, the detection without the concentration is possible, resulting in the improved measurement throughput.

