Automate your flame AA sample introduction for unparalleled productivity, reproducibility, and profitability.

**THE PROBLEM**

14,350 illnesses from fresh produce between 1996 and 2010

Average number of countries supplying ingredients for a typical American meal:

5

**THE SOLUTION**

FAST Flame is nearly 3X faster than other automated systems

560 samples per hour with a PINACLE FLAME AA USING A FAST FLAME SAMPLE AUTOMATION SYSTEM

**THE BENEFITS**

3 clicks from setup to analysis using Syngistix™ for AA software

NO RISK of human error

Syngistix Enhanced Security™ option simplifies 21 CFR Part 11 compliance

50 μg/L detection limits

One thousand replicate analyses in two hours seventeen minutes

**THE CHALLENGES**

3M tons of basic chemicals discharged into the air, water, and soil each year

Only 10% of published applications are reproducible

Of a scientist’s working day, only 61% is actually spent on science

Average number of countries supplying ingredients for a typical American meal:

5

Illnesses from fresh produce between 1996 and 2010

Tons of basic chemicals discharged into the air, water, and soil each year

Percent of out-of-specification errors caused by manual sample prep:

49%

61% of a scientist’s working day

PERCENT OF OUT-OF-SPECIFICATION ERRORS CAUSED BY MANUAL SAMPLE PREP

$\text{\text{µg}}/\text{L}$ detention limits

3M tons of basic chemicals discharged into the air, water, and soil each year

ONLY 10% OF PUBLISHED APPLICATIONS ARE REPRODUCIBLE

AVERAGE NUMBER OF COUNTRIES SUPPLYING INGREDIENTS FOR A TYPICAL AMERICAN MEAL: