



Bringing High Performance  
Water Analysis to the Field

# Water Analysis: On site Real time Accurate results

## Quantitative results in less than one minute

- Measures contaminant metals in drinking water, environmental and industrial waters
- Rapid analysis of lead and copper in school drinking water
- No special knowledge of chemical analysis required
- Highly sensitive and selective (low ppb ranges)
- One instrument measures multiple contaminants

Lead

Copper

Uranium

Mercury

Cadmium

Zinc

And More...



## Features

### Results in One Minute

Quick, simple menu navigation and one button push for sample analysis.

### Fluorescence Based Measurement

DNAzyme reaction produces quantitative fluorescence-based results.

### Sensor Kit

Each disposable color-coded sensor is designed for a specific heavy metal. Kits provide everything needed for analysis.

### Data Capture & Reporting

Time and date-stamped and site-labeled results. Data downloadable and unit recharging through a USB cable.

### Safe and Maintenance Free

CE-marked and water and dust resistant with IP54 enclosure rating. Free software upgrades via USB connection over the Internet.

### Video Training on-board

Embedded instructional video trains users without additional documentation.

### Supports Multiple Languages

Selectable display languages including English, Chinese, Spanish, Portuguese, and German.

### Environmentally Friendly

Minimal waste, no harmful reagents or special disposal requirements.



*ANDalyze hand-held  
Fluorometer works with  
all Sensors*



# Heavy metal analysis in less than one minute

## Broad applications extending from industry to schools

### Specifications

Metal	Color	* Range	Analyte
Lead	Green	2 - 100 ppb	Pb <sup>2+</sup>
Copper	Blue	0.1 - 2 ppm	Cu <sup>+</sup> /Cu <sup>2+</sup>
Uranium	Orange	2 - 60 ppb	Uranium VI, UO <sub>2</sub> <sup>2+</sup>
Mercury	Silver	2 ppb (over/ under) 50 ppb limit	Hg <sup>2+</sup>
Zinc	White	1 - 15 ppm	Zn <sup>2+</sup>
Cadmium	Yellow	0.1 - 1 ppm	Cd <sup>2+</sup>

*Sensors for chromium, trace metals and even E. coli bacteria available soon*



\* Specifications are subject to change. See current detailed specifications at [www.andalyze.com](http://www.andalyze.com)

To purchase, call ANDalyze sales  
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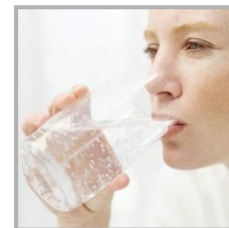
### EPA Validated Technology

ANDalyze offers a hand-held fluorometer and sensors for field analysis of soluble heavy metal content in water supplies. The unit provides accurate readings in seconds, and is a breakthrough in efficiency, accuracy and ease-of use for field applications. No special skills, chemistry knowledge, hazardous materials or harmful reagents are required. Overall costs are minimized by reducing complexity and time-to-result.

### DNAzyme Technology

ANDalyze's proprietary Catalytic DNA sensors use a DNAzyme reaction that fluoresces in the presence of a target contaminant such as lead. Fluorescence is measured to determine the soluble concentration of the target heavy metal and is reported in parts per billion (ppb). The analysis is performed by taking a 1 milliliter water sample, injecting it through the sensor, and into the fluorometer. Without additional intervention, the sample is then analyzed and results are reported in less than one minute.

### Drinking Water



### Waste Water



### Surface Water



### Food Safety



### Mining



**ANDalyze**<sup>®</sup>