



Bringing High Performance
Water Testing to the Field

Heavy Metal Testing in Water

Test results in less than one minute

- Tests drinking water, environmental water and industrial water for soluble concentrations
- No special knowledge of chemical testing required
- Highly sensitive and selective (low ppb ranges)
- One instrument tests for multiple contaminants

Lead

Uranium

Copper

Mercury

Cadmium

Zinc

And More...



Color Display



ANDalyze fluorimeter &
Sensor Kit



Features

Simple, One Minute Test

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

Fluorescence Based Sensing

DNAzyme reaction produces quantitative fluorescence based results.

Sensor Kit

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

Data Capture & Reporting

Time and date stamped and site labeled results. Data downloadable and 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 documentation.

Supports Multiple Languages

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

Environmentally Friendly

No harmful reagents and minimal waste. No test materials need special disposal.

Heavy metal test results in less than one minute

Lead Uranium Copper Mercury Zinc Cadmium and more...

Specifications

Metal	Color	* Range	Analyte
Lead	Green	2 - 400 ppb	Pb ²⁺
Copper (high)	Blue	0.6 - 3 ppm	Cu ⁺ /Cu ²⁺
Copper (low)	Blue	40 - 400 ppb	Cu ⁺ /Cu ²⁺
Uranium	Orange	2 - 120 ppb	Uranium VI, UO ₂ ²⁺
Mercury	Silver	2 ppb (over/under) 50 ppb limit	Hg ²⁺
Zinc	White	1 - 30 ppm	Zn ²⁺
Cadmium	Yellow	0.1 - 2 ppm	Cd ²⁺
Sensors for chromium, arsenic and other trace metals will be available soon			



* Specifications are subject to change. See current detailed specifications at www.andalyze.com

To purchase

Call: +1 857 453 6740

Email: sales@andalyze.com

Product information: www.andalyze.com

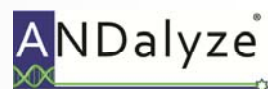
ANDalyze Inc. 2109 South Oak Street, Ste 102, , Champaign, IL 61820 USA

EPA Award winning technology

ANDalyze offers a hand-held fluorimeter and DNAzyme sensors for field testing of soluble heavy metal content in water supplies. It gives highly accurate readings in seconds. This product is a breakthrough in efficiency, testing accuracy and ease-of use for field applications. It requires no special skill or knowledge of chemistry to operate. And no hazardous materials or harmful reagents are required. In addition, this solution reduces overall testing costs by reducing testing time and complexity.

DNAZYME TECHNOLOGY

ANDalyze's proprietary Catalytic DNA sensors use a DNAzyme reaction that fluoresces in the presence of a target contaminant substance such as lead. The fluorescence of the reaction is measured to determine the soluble concentration of the target heavy metal and is reported in parts per billion (ppb). The test is performed by taking a 1 milliliter water sample, injecting it through the sensor, and into the fluorimeter. This sample is then automatically analyzed and reports results in less than one minute.



Drinking Water



Waste Water



Surface Water



Food Safety



Mining

