

ARKANSAS PRODUCE SAFETY



Microbial Water Quality Profile (MWQP): Water Testing Labs for Arkansas Growers



Many farms must test their agricultural water sources in order to comply with the Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR). **On the following page is a list of laboratories that conduct water testing in accordance with the FDA requirements** and that are conveniently located for Arkansas growers. **Additional lab locations can be found at the [US Water Testing Lab Map webpage](#) and on our fact sheet, [Bacterial Water Sample Collection and Submission to a Water Quality Lab for Compliance with the Food Safety Modernization Act's Produce Safety Rule](#).** Make sure that the lab uses [FDA FSMA PSR approved methods](#) which are also found in [Microbial Water Quality Profile \(MWQP\): Approved Laboratory Methods](#).

Make sure to request the method that provides numerical results (in CFU/100 mL or MPN/100 mL) for the analysis of your production water used during the growing season for activities such as irrigation, fertigation, foliar sprays, and frost protection.

UofA DIVISION OF AGRICULTURE
RESEARCH & EXTENSION
University of Arkansas System



**LOCAL, REGIONAL
& SAFE FOODS**



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**ARKANSAS WATER
RESOURCES CENTER**

Arkansas Water
Resources Center
(AWRC) - Water Quality
Laboratory (WQL)

Don Tyson Center for
Agricultural Sciences
1371 W. Altheimer Drive
Room 133
Fayetteville, AR 72704

479-502-9843

awrcwql@uark.edu

arkansas-water-center.uark.edu/water-quality-lab

Standard Methods
9223 B IDEXX
Colilert Test Kit with
Quanti-Tray/2000

\$23
credit card preferred;
check allowed



Arkansas
Analytical, Inc.

8100 National Drive
Little Rock, AR 72209

501-455-3233

N/A

www.arkansas-analytical.com

Standard Methods
9223 B IDEXX
Colilert Test Kit
with Quanti-Tray/2000

\$25 per sample +
\$25 processing fee
cash, check, or
credit card



Waypoint Analytical
Tennessee, Inc.,
Memphis Office

2790 Whitten Rd.
Memphis, TN 38133

901-213-2400

supportjtn@waypoint-analytical.com

waypoint-analytical.com

Standard Methods
9223 B IDEXX
Colilert Test Kit with
Quanti-Tray/2000

\$50
check or credit card
preferred; cash allowed

CHEM LAB, Inc.
ANALYTICAL SERVICES

Chem Lab, Inc.
Analytical Services

4210 Wheeler Ave.
Fort Smith, AR 72901

479-646-1585

labchem@aol.com

N/A

Hach Method 10029
for Coliforms – Total
and *E. coli*, using m-Coli
Blue 24 Broth PourRite
Ampules

\$45 per sample +
\$35 processing fee
cash, check, or credit
card (Master card)

For more information please contact Dr. Amanda Philyaw Perez, Dr. Natacha Cureau, Julia Fryer, and Rip Weaver with the Local, Regional, and Safe Foods team at 501-671-2226.