

## ■ Certificate of Analysis ■

**Product:** Potable WatR™ ColiFormS™  
**Catalog Number:** 694  
**Lot No.** 450617  
**Certificate Issue Date:** July 13, 2017  
**Expiration Date:** August 31, 2018  
**Revision Number:** Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #694 revision 061715.

### CERTIFICATION

| Parameter                  | Certified Value <sup>1</sup> | Uncertainty % <sup>2</sup> | QC Performance Acceptance Limits <sup>3</sup> |
|----------------------------|------------------------------|----------------------------|-----------------------------------------------|
| Sample - A total coliforms | Positive                     | -                          | Presence                                      |
| Sample - A fecal coliforms | Positive                     | -                          | Presence                                      |
| Sample - A E. coli         | Positive                     | -                          | Presence                                      |
| Sample - B total coliforms | Positive                     | -                          | Presence                                      |
| Sample - B fecal coliforms | Negative                     | -                          | Absence                                       |
| Sample - B E. coli         | Negative                     | -                          | Absence                                       |
| Sample - C total coliforms | Negative                     | -                          | Absence                                       |
| Sample - C fecal coliforms | Negative                     | -                          | Absence                                       |
| Sample - C E. coli         | Negative                     | -                          | Absence                                       |
| Sample - D total coliforms | Negative                     | -                          | Absence                                       |
| Sample - D fecal coliforms | Negative                     | -                          | Absence                                       |
| Sample - D E. coli         | Negative                     | -                          | Absence                                       |
| Sample - E total coliforms | Negative                     | -                          | Absence                                       |
| Sample - E fecal coliforms | Negative                     | -                          | Absence                                       |
| Sample - E E. coli         | Negative                     | -                          | Absence                                       |

ISO/IEC GUIDE 34:2009



ISO/IEC 17025:2005



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### PT DATA/TRACEABILITY

| Parameter  | Traceability Microorganism <sup>4</sup> |
|------------|-----------------------------------------|
| Sample - A | Escherichia coli, ATCC 35421            |
| Sample - B | Enterobacter cloacae, NCTC 10005        |
| Sample - C | Proteus mirabilis, NCIMB 13283          |
| Sample - D | Blank                                   |
| Sample - E | Pseudomonas aeruginosa, NCIMB 12469     |

1. The **Certified Values** are the actual "made-to" concentrations confirmed by ERA analytical verification. The certified values are monitored and purchasers will be notified of any significant changes resulting in recertification or withdrawal of this certified reference material during the period of validity of this certificate.
2. The stated **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor. The uncertainty applies to the product as supplied and does not take into account any required or optional dilution and/or preparations the laboratory may perform while using this product.
3. The **QC Performance Acceptance Limits (QC PALS™)** are based on actual historical data collected in ERA's Proficiency Testing program. The QC PALS™ reflect any inherent biases in the methods used to establish the limits and closely approximate a 95% confidence interval of the performance that experienced laboratories should achieve using accepted environmental methods. Use the QC PALS™ to realistically evaluate your performance against your peers.
4. In order to assure identity and traceability, reference cultures for these quality control samples come from a recognized national collection. These organisms meet all the requirements specified in the NELAC proficiency testing requirements.

**If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to [info@eraqc.com](mailto:info@eraqc.com).**

**Certifying Officer**

**Brian Miller**

**Quality Officer**

**Patrick Larson**




ISO/IEC GUIDE 34:2009



REFERENCE MATERIAL PRODUCER  
CERTIFICATE NO. 1539/03

ISO/IEC 17025:2005



CHEMICAL TESTING LABORATORY  
CERTIFICATE NO. 1539/02