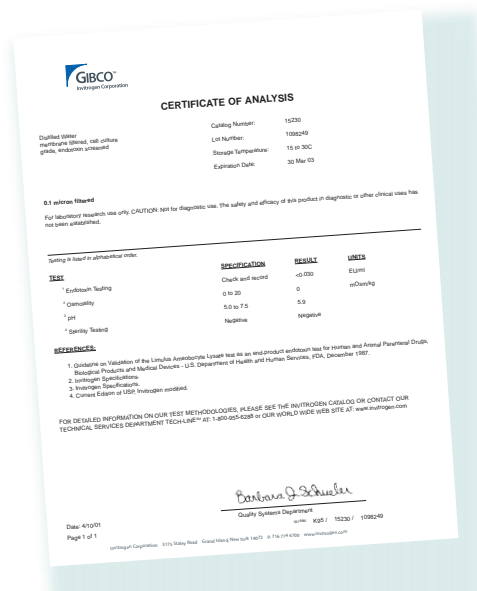


- *Membrane filtered, cell culture tested and screened for endotoxins*
- *Packaged in convenient E-Z Hold™ PET bottles*
- *Our water system meets all USP Monograph test requirements for Water for Injection (WFI)*



Water has been characterized as the universal solvent. It is also the major component of mammalian cell culture media.

Water sources may be affected by a variety of factors and seasonal changes, including organic concentrations and agricultural runoffs, as well as municipal and industrial contaminants. The dissolved ionized solids, organics and gasses, particulates, bacteria and pyrogens that may be present in water may ultimately affect media.

At Invitrogen, we have invested in advanced water preparation systems that enable us to make cell culture media of the highest quality: GIBCO™ media. We also offer the same water that we prepare for our liquid media manufacturing for purchase in convenient E-Z Hold™ bottles.

In our system, water is pretreated by multifiltration to remove large particles. A softening process then replaces heavy metals with sodium, followed by carbon filtration that removes chlorine. The water is distilled in a vapor compression still, then filtered through a 0.1 micron membrane, and packaged in E-Z Hold™ PET plastic bottles.

Each lot of GIBCO™ Distilled Water is screened for endotoxins, sterility tested, and cell culture tested. This sophisticated system meets all USP Monograph test requirements for Water for Injection (WFI).

We provide a Certificate of Analysis with every order of GIBCO™ Distilled Water. Contact us for detailed information on our water system and test methodologies.

Ordering Information

Description	Cat. No.	Size
Distilled Water	15230-162	500 ml
	15230-147	1,000 ml
	15230-204	10 X 500 ml
	15230-196	20 X 100 ml

United States Headquarters
 Invitrogen Corporation
 1600 Faraday Avenue • Carlsbad • CA 92008
 Phone: 1 760 603 7200 • Fax: 1 760 603 7229
Toll Free: 1 800 955 6288 • Email: tech_service@invitrogen.com

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 Phone (General Enquiries): 0800 5345 5345 • Fax: +44 (0) 141 814 6287
Phone (Free Phone Orders): 0800 269 210 • Email: eurotech@invitrogen.com



For specific country contact information, please see our website: www.invitrogen.com



This product is for *in vitro* diagnostic use and is not intended for human or animal therapeutic use. Uses other than the labeled intended use may be a violation of federal law. © 2001 Invitrogen Corporation PAS01-069MS Part No. B-08A00-0747



CERTIFICATE OF ANALYSIS

Distilled Water
membrane filtered, cell culture
grade, endotoxin screened

Catalog Number: 15230
Lot Number: 1098249
Storage Temperature: 15 to 30C
Expiration Date: 30 Mar 03

0.1 micron filtered

For laboratory research use only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

Testing is listed in alphabetical order.

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>UNITS</u>
¹ Endotoxin Testing	Check and record	<0.030	EU/ml
² Osmolality	0 to 20	0	mOsm/kg
³ pH	5.0 to 7.5	5.9	
⁴ Sterility Testing	Negative	Negative	

REFERENCES:

1. Guideline on Validation of the Limulus Ameobocyte Lysate test as an end-product endotoxin test for Human and Animal Parenteral Drugs, Biological Products and Medical Devices - U.S. Department of Health and Human Services, FDA, December 1987.
2. Invitrogen Specifications.
3. Invitrogen Specifications.
4. Current Edition of USP, Invitrogen modified.

FOR DETAILED INFORMATION ON OUR TEST METHODOLOGIES, PLEASE SEE THE INVITROGEN CATALOG OR CONTACT OUR TECHNICAL SERVICES DEPARTMENT TECH-LINESM AT: 1-800-955-6288 or OUR WORLD WIDE WEB SITE AT: www.invitrogen.com

Barbara J. Schueler

Quality Systems Department

Date: 4/10/01

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