



## CERTIFICATE OF ANALYSIS

|                          |                  |
|--------------------------|------------------|
| Product Name             | Water            |
| Grade                    | HPLC Grade       |
| Catalog #                | 23200HPLC        |
| Item #                   | 100938           |
| Batch #                  | 211229-B011072   |
| Date of Manufacture:     | 01/17/2022       |
| Recommended Retest Date: | 01/16/2025       |
| Customer PO #            | P19732           |
| Packaging Type           | Case Glass 4x4 L |
| Quantity for Delivery    | 8                |

| TEST  | MONO-GRAPH | SPECIFICATION       | RESULT     | UNITS |
|---|------------|---------------------|------------|-------|
| Optical Absorbance @190 nm                                | HPLC       | 0.01 max.           | 0.00       | N/A   |
| Optical Absorbance @200 nm                                | HPLC       | 0.01 max.           | 0.00       | N/A   |
| Optical Absorbance @210 nm                                | HPLC       | 0.01 max.           | 0.00       | N/A   |
| Optical Absorbance @250 nm                                | HPLC       | 0.01 max.           | 0.00       | N/A   |
| Optical Absorbance @400 nm                                | HPLC       | 0.01 max.           | 0.00       | N/A   |
| Specific Conductance at 25C                               | HPLC       | 1.5 $\mu$ S/cm max. | 0.01       | N/A   |
| Fluorescence at emission maximum for Impurities at 450 nm | HPLC       | 0.1 ppb max.        | LT 0.1 ppb | N/A   |
| LC Gradient Elution Suitability at 254 nm                 | HPLC       | To Pass Test        | Pass       | N/A   |
| Substances reducing Permanganate                          | HPLC       | To Pass Test        | Pass       | N/A   |
| Residue after Evaporation                                 | HPLC       | 1 ppm max.          | 0          | ppm   |

### Certification and Compliance Statements

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

[www.pharmco.com](http://www.pharmco.com) | [www.greenfield.com](http://www.greenfield.com)



## CERTIFICATE OF ANALYSIS

This lot of HPLC Water complies with all of the abovementioned specifications at the time of manufacture. This product is not intended for use as a sterile or potable product.

This product is for further commercial manufacturing, laboratory or research use. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

**This document was electronically signed by Gabriella Scoca on 1/18/2022 6:54:47 PM to indicate Quality Assurance Approval and to release this batch.**