

## **CERTIFICATE OF ANALYSIS**

| Product Name             | WATER                                |  |
|--------------------------|--------------------------------------|--|
| Grade                    | HPLC Grade                           |  |
| Catalog #                | 23200HPLC                            |  |
| Lot #                    | C21H17020HPLCWTR                     |  |
| Date of Manufacture:     | 08/17/21                             |  |
| Recommended Retest Date: | Three Years from Date of Manufacture |  |

| TEST  | SPECIFICATION  | RESULT    |
|---|----------------|-----------|
| Fluorescence at emission maximum for Impurities at 450 nm | 0.1 ppb max.   | < 0.1 ppb |
| LC Gradient Elution Suitability at 254 nm                 | To Pass Test   | Pass      |
| Residue after Evaporation                                 | 1 ppm max.     | 0 ppm     |
| Specific Conductance at 25C <sup>1</sup>                  | 1.5 μS/cm max. | 0.1 μS/cm |
| Optical Absorbance at: 190 nm                             | 0.01 max.      | 0.01      |
| 200 nm  | 0.01 max.      | 0.00      |
| 210 nm  | 0.01 max.      | 0.00      |
| 250 nm  | 0.01 max.      | 0.00      |
| 400 nm  | 0.01 max.      | 0.00      |
| Substances reducing Permanganate                          | To Pass Test   | Pass      |

<sup>1</sup> Meets stated value at the time of manufacture.

## **Certification and Compliance Statements**

This lot of HPLC Water complies with all of the abovementioned speificaitons

This product is not intended for use as a sterile or potable product.

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

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. 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.

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Approved by: G.Scoca, Quality Control Chemist

Date of Approval: 08/17/21

58 Vale Road, Brookfield, Connecticut, 06804, USA | P. 800.243.5360 www.pharmco.com | www.greenfield.com