

# Certificate of Analysis



**YSI Incorporated**

Yellow Springs Instrument Co., Yellow Springs, Ohio 45387 USA

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a xylem brand

Product Category                      Bioanalytical Standard

Product Model Number                      2790

Lot Number                      25H100069

Method                      Comparative enzymatic testing of Production standard vs. Metrology standard

| Chemistry Tested | Determination                                            | Tolerance     | Result    |
|------------------|----------------------------------------------------------|---------------|-----------|
| Ethanol, 2.0 g/L | (Average of production) - (average of metrology)         | $\pm 40$ mg/L | 1.50 mg/L |
|                  | Coefficient of variation for production standard (CV, %) | $\leq 2.0\%$  | 1.44 %    |
| Ethanol, 3.2 g/L | (Average of production) - (average of metrology)         | $\pm 64$ mg/L | 3.75 mg/L |
|                  | Coefficient of variation for production standard (CV, %) | $\leq 2.0\%$  | 1.59 %    |

*The procedures used to manufacture and test this product have been verified by QA for compliance. The electronic signature below is representative of the Chemistry Technician testing and verifying conformity to acceptance criteria.*

Completed by: Nick Rittenhouse

Date: 8/7/2025

