

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 7142
Lot Number 20C100162
Method Comparative enzymatic testing of Production standard vs. Metrology standard

| Chemistry Tested | Determination | Tolerance | Result |
|------------------|--|----------------|----------|
| Glycerol | (Average of production) - (average of metrology) | ± 0.48 g/L | 0.18 g/L |
| | Coefficient of variation for production standard (CV, %) | $\leq 2.0\%$ | 1.6% |

Conforms to acceptance criteria

Completed by: David Stoler

Date: 3-13-2020

The procedures used to manufacture and test this product have been verified by QA for GMP compliance.



A handwritten signature in blue ink that reads 'Gregory W. Popp'.

Gregory W. Popp
Quality Manager, Analytics