

Certificate of Analysis



YSI Incorporated
Yellow Springs Instrument Co., Yellow Springs, Ohio 45387 USA
Phone 937 767-7241 • 800 765-4974 • Fax 937 767-9353

a xylem brand

Product Category Bioanalytical Standard
Product Model Number 2767 Xylose Std
Lot Number 19D100116
Method Comparative enzymatic testing of Production standard vs. Metrology standard

| Chemistry Tested | Determination | Tolerance | Result |
|------------------|--|---------------------|---------|
| Xylose | (Average of production) - (average of metrology) | $\pm 1.0\text{g/L}$ | 0.2 g/L |
| Xylose | Coefficient of variation for production standard (CV, %) | $\leq 2\%$ | 1.83% |
| N/A | (Average of production) - (average of metrology) | $\pm \text{N/A}$ | N/A |
| N/A | Coefficient of variation for production standard (CV, %) | $\leq \text{N/A}$ | N/A |

Conforms to acceptance criteria

Completed by: Heather Brooks

Date: 4/16/19

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