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

Product Category Bioanalytical Standard

Amanda Fenner

Product Model Number 2773

Lot Number 22G100353

Method Comparative enzymatic testing of Production standard vs

Metrology standard

| Chemistry Tested | Determination | Tolerance | Result |
|------------------|----------------------------------|------------|----------|
| CHOLINE | (Average of Production)-(Average | +4 0mg/l | 3.20mg/L |
| | of Metrology) | ±4.0IIIg/L | |
| | Coefficient of variation for | ≤2.0% | 0.6 % |
| | production standard (CV,%) | ≥2.070 | |

| Conforms to acceptance criteria | | |
|---------------------------------|--|--|
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The procedures used to manufacture and test this product have been verified by QA for GMP compliance.

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Completed by:

Gregory W. Popp Qualtiy Manager, Analytics

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Date: 7/25/2022