

# Certificate of Analysis



**YSI Incorporated**  
Yellow Springs Instrument Co., Yellow Springs, Ohio 45387 USA  
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a xylem brand

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Product Category                      Bioanalytical Standard  
Product Model Number                2772  
Lot Number                                20B130067  
Method                                      Comparative enzymatic testing of Production standard vs. Metrology standard

Chemistry Tested	Determination	Tolerance	Result
Choline	(Average of production) - (average of metrology)	$\pm 2.0$ mg/L	1.5 mg/L
	Coefficient of variation for production standard (CV, %)	$\leq 2.0\%$	0.63%

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Conforms to acceptance criteria

Completed by: David Stoler

Date: 2-27-2020

*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