



CERTIFICATE OF ANALYSIS

Catalog Number: O-1351, O-1351L, O-1371/100, O-1371/250 LOT NUMBER: 22120110
 EXP. DATE: 12-31-2024

Product Name: Oxidant Reagent, R1 and R2

Appearance: R1 Clear, Colorless Solution R2 Clear, Bluish Solution

NOTE: PRODUCT IS LIGHT SENSITIVE

Colormetric Analysis Using Olypus AU 480:

Total Span ($\Delta S2$ - $\Delta S1$) Specification: $\geq .08$ Result: 0.1023

Linearity Standard Results: N=5

ITEM	UNITS	TARGET	SPECIFICATIONS	RESULTS
Oxidant (Nitrite)	mg/L	37.5	31.9 - 43.1	<u>38.2</u>
Oxidant (Nitrite)	mg/L	75.0	63.8 - 86.3	<u>77.4</u>
Oxidant (Nitrite)	mg/L	150.0	127.5 - 172.5	<u>148.7</u>
Oxidant (Nitrite)	mg/L	200.0	170.0 - 230.0	<u>201.2</u>
Oxidant (Nitrite)	mg/L	300.0	255.0 - 345.0	<u>316.4</u>

Control Recovery Results: N=10

ITEM	UNITS	TARGET	SPECIFICATIONS	MEAN	CV
Oxidant Control	mg/L	95	81 - 109	<u>97.31</u>	<u>3.24%</u>
Oxidant Control	mg/L	145	123 - 167	<u>141.57</u>	<u>2.16%</u>
Oxidant Control	mg/L	185	157 - 213	<u>188.44</u>	<u>2.88%</u>
Oxidant Control	mg/L	199	169 - 229	<u>227.28</u>	<u>1.08%</u>
Oxidant Control	mg/L	260	221 - 299	<u>272.80</u>	<u>0.73%</u>

CV for Controls must be less than or equal to 5%

Terra S. Brown

12/09/2022

Quality Control

Date

Axiom warrants that its products conform to the information contained in this and other Axiom publications. Purchaser must determine the suitability of the product for its particular use. See product insert for additional information.