



CERTIFICATE OF ANALYSIS

Catalog Number: O-1351, O-1351L, O-1371/100, O-1371/250 LOT NUMBER: 030324
 Product Name: Oxidant Reagent, R1 and R2 EXP. DATE: 03-31-2026

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

NOTE: PRODUCT IS LIGHT SENSITIVE

Colormetric Analysis Using Olympus AU 480:

Total Span (ΔS_2 - ΔS_1) Specification: $\geq .08$ Result: 0.1533

Linearity Standard Results: N=5

ITEM	UNITS	TARGET	SPECIFICATIONS	RESULTS
Oxidant (Nitrite)	mg/L	37.5	31.9 - 43.1	<u>33.5</u>
Oxidant (Nitrite)	mg/L	75.0	63.8 - 86.3	<u>66.7</u>
Oxidant (Nitrite)	mg/L	150.0	127.5 - 172.5	<u>142.0</u>
Oxidant (Nitrite)	mg/L	200.0	170.0 - 230.0	<u>199.9</u>
Oxidant (Nitrite)	mg/L	300.0	255.0 - 345.0	<u>314.6</u>

Control Recovery Results: N=10

ITEM	UNITS	TARGET	SPECIFICATIONS	MEAN	CV
Oxidant Control (SVT4)	mg/L	95	81 - 109	<u>98.23</u>	<u>2.71%</u>
Oxidant Control (SVT5)	mg/L	199	169 - 229	<u>210.73</u>	<u>1.50%</u>
Oxidant Control (A-5)	mg/L	185	157 - 213	<u>178.38</u>	<u>2.32%</u>
Oxidant Control (T-13)	mg/L	260	221 - 299	<u>261.00</u>	<u>1.09%</u>
Oxidant Control (T-15)	mg/L	145	123 - 167	<u>137.34</u>	<u>1.02%</u>

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

Terra S. Brown

04/01/2024

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.