



231821
HA-26069-45

An ISO 9001 Certified Company

Certificate of Analysis

This is a Component of 2606945 lot A2281

COMMODITY: **AmVer|™ High Range Ammonia Test**

COMMODITY NUMBER: **2606945**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2281**

10/31/2022

10/31/2022

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Concentration of a treated 50.0 ppm nitrogen as ammonia standard vs. a reagent blank.	45 to 55 ppm	45.2 ppm

The expiration date is Oct 2024

Certified by _____

Scott Als
Analytical Services Chemist



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Certificate of Analysis

This is a Component of 2606945 lot A2281

COMMODITY: **Ammonia Salicylate Reagent**

COMMODITY NUMBER: **2395266**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2223**

9/1/2022

9/1/2022

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Function Test: Absorbance of a 0.8 ppm Nitrogen as Ammonia Standard prepare in Instant Ocean (a sea water equivalent) vs an Instant Ocean reagent blank.	0.621 to 0.759 abs	0.7520 abs
Reagent Blank in Instant Ocean: Absorbance measured at 390 nm in 1 cm cells vs deionized water.	2.5 to 3.5 abs	3.50 abs
Reagent Blank: Absorbance of a deionized water sample measure at 655 nm in 1 cm cells vs deionized water.	0.055 to 0.13 abs	0.0813 abs

The expiration date is Aug 2027

Certified by _____

Scott Als
Analytical Services Chemist



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This is a Component of 2606945 lot A2281

COMMODITY: **Ammonia Cyanurate Reagent**

COMMODITY NUMBER: **2395466**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2223**

9/1/2022

9/9/2022

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Absorbance of a 0.8 ppm ammonia nitrogen standard in sea water vs a reagent blank.	0.621 to 0.759 abs	0.6607 abs
Reagent Blank: Measured at 655 nm in 1 cm cells vs deionized water.	0.055 to 0.13 abs	0.0630 abs

The expiration date is Dec 2025

Certified by _____

Scott Als
Analytical Services Chemist



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This is a Component of 2606945 lot A2281

COMMODITY: **Deionized (Demineralized) Water**

COMMODITY NUMBER: **27242**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2279A**

10/6/2022

10/6/2022

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Fluoride Concentration <0.04 mg/L	To Pass	Passed
Negative Hardness: No detectable concentrations of calcium, magnesium, or iron in the test used.	To Pass	Passed
Concentration of Heavy Metals	To Pass	Passed
Negative consumption of permanganate: No reduction capacity to permanganate seen in the test used.	To Pass	Passed
Silica Concentration	0 to 3 ppb	1.0 ppb
Specific Conductance (us/cm)	0 to 1 us/cm	0.7 us/cm

The expiration date is Oct 2027

Certified by _____

Scott Als
Analytical Services Chemist