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## **ACCREDITATION / REGISTRATION**

Inorganic Ventures is an ISO 9001 registered manufacturer (Amtivo Certificate Number 274357).

**DISCRETE ANALYZER REAGENT** Sodium salicylate / Sodium citrate dihydrate /  
Sodium nitroferricyanide dihydrate solution

**KEEP PRODUCT REFRIDGERATED. See Storage and Handling Information.**

Catalog No: RGT-AMMONIA-NH3-BTL-1-OF-2  
Lot No: X2-DA762390

Starting Material: Sodium salicylate  
Starting Material Lot No: IV-2879

Starting Material: Sodium citrate dihydrate  
Starting Material Lot No: IV-2845, IV-2881

Starting Material: Sodium nitroferricyanide dihydrate  
Starting Material Lot No: IV-2880

**NOMINAL CONCENTRATION:** 130 g/L Sodium salicylate / 130 g/L Sodium citrate dihydrate / 0.972 g/L Sodium nitroferricyanide dihydrate

**This solution is a reagent and is not intended to be used as a certified reference material.**

## **PREPARATION**

This reagent solution is ready to use without further preparation for analyzing Ammonia (NH<sub>3</sub>) in water utilizing colorimetric methods based on method chemistry described in ISO Method 15923-1.

## **INSTRUCTIONS FOR THE CORRECT USE OF THIS REAGENT**

### **STORAGE AND HANDLING**

Store refrigerated at 4° C +/- 2° C while in sealed TCT bag. After opening the sealed TCT bag keep cap tightly sealed when not in use. Continue to store bottle at 4° C +/- 2° C when not in use. Do not return removed aliquots to container. Allow reagent to reach room temperature and shake well before use.

*Loss of method sensitivity and/or reagent discoloration has been observed when not following the recommended storage conditions.*

### **BEST PRACTICES**

Do not return removed aliquots of the reagent back to the container. Do not mix different lot numbers of the same reagent during sample analysis. A fresh calibration should be performed after refilling reagents.

This reagent must be pipetted within ± 5% of the target volume to ensure an accurate analysis. The use of a calibrated pipette is recommended. Validate pipetting technique to ensure tolerance within this

range.

Certification Date: 05/14/2026

Prepared By:



Expiration Date: 08/14/2027

Approved By:



Certifying Officer:

