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ACCREDITATION / REGISTRATION

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

DISCRETE ANALYZER REAGENT Barium chloride dihydrate / Sodium chloride / gelatin / Hydrochloric acid solution

KEEP PRODUCT REFRIDGERATED. See Storage and Handling Information.

Catalog No: RGT-SULFATE-SO4-BTL-1-OF-1
Lot No: X2-DA763192

Starting Material:	Barium chloride dihydrate
Starting Material Lot No:	IV-2824

Starting Material:	Sodium chloride
Starting Material Lot No:	IV-2114

Starting Material:	Gelatin
Starting Material Lot No:	IV-2677

NOMINAL CONCENTRATION: 10g/L Barium chloride dihydrate / 10 g/L Sodium chloride / 0.25 g/L gelatin / 0.5% (v/v) Hydrochloric acid

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 Sulfate (SO_4) 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 $4^\circ\text{C} \pm 2^\circ\text{C}$ while in sealed TCT bag. After opening the sealed TCT bag keep cap tightly sealed when not in use. Continue to store bottle at $4^\circ\text{C} \pm 2^\circ\text{C}$ when not in use. Allow for 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 $\pm 5\%$ 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: 06/12/2026

Prepared By:



Expiration Date: 06/12/2028

Approved By:



Certifying Officer:

