



Alkali buffer solution, 3.0N, 100 mL

Product #:

2307242

ZAR Price:
Available

Contact Hach

 **Hazardous**

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

For ultrapure saturated NaCl feed brine used in the Chlor-alkali industry. Not for water or a non-saturated brine solution. Calcium and other polyvalent cations can foul the ion-exchange membranes used in electrolytic manufacture of chlorine and alkali from brine. The HNB method has an indicator dye that is blue in strongly alkaline brine and changes to red when complexing free calcium and magnesium. EDTA added to a portion of the reacted sample complexes the calcium and magnesium and sets a reference point. Because metal standards are not stable in saturated alkaline brine and brine matrices are variable, the method is calibrated using standard additions for each type of brine and for each new lot of reagents. 3.0 N. Bottle/100 mL. Also requires item numbers 2307300 (HNB Reagent Package), 2241926 (EDTA solution), and 2305442 (calcium standard, 10 mg/L).

Specifications

Platform: Solution

Required Accessories

- EDTA solution, 1M, 50mL SCDB (Item 2241926)
- HNB lab reagent package (Item 2307300)
- Calcium Standard Solution, 10 mg/L, 100 mL (Item 2305442)
- Gloves, Disposable, Powder Free, Nitrile, Large (Item 2550503)