

Neutralizing Amine (CHA, DEAE/DEEA, TEA)

1 drop = 4, 5 or 6 ppm / 25 mL

TK1080-Z

red caps

KIT COMPONENTS:

HA6025-B	Neutralizing Amine Titrating Solution, 60 mL
AI6925-A	Total Alkalinity Indicator, 30 mL
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

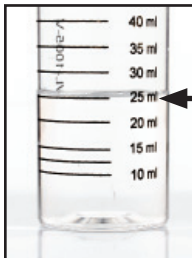
INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

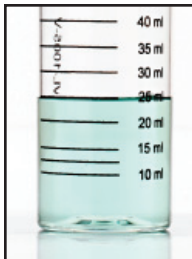
1 Rinse vial three times with sample to be tested. **Fill vial to 25 mL.**

2 Add 5 drops of **Total Alkalinity Indicator (AI6925)** and swirl to mix. The sample should turn green.

3 Add **Neutralizing Amine Titrating Solution (HA6025)** one drop at a time while swirling. Count the number of drops until the sample color changes from green to red.

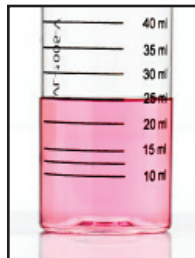


STEP 1



STEP 2

4 Subtract 2 from the number of drops and multiply the results by the appropriate factor (see factors below). Record as ppm Neutralizing Amine.



STEP 3

To express as:

Cyclohexylamine (CHA)	4
Diethylaminoethanol (DEAE)/ Diethylethanolamine (DEEA)	5
Methoxypropylamine (MOPA)	3.8
Monoethanolamine (MEA)	2.5
Morpholine (MOR)	3.8
Triethanolamine (TEA)	6

Multiply results from Step 4 by: