

# Initial Standard Value Determination: Instrument Specific

1. On an instrument that has been calibrated with a laboratory control standard, perform steps 1 through 4 of the Instructions for Quality Control Use.
2. Place a standard in the instrument with the alignment mark properly aligned. Record the instrument reading. The reading should be within the tolerance limits of the value specified on the Certificate of Analysis.
3. Record the actual value obtained on the Certificate of Analysis and on the standard in the area provided.

**HACH** SPEC / COLOR STANDARD  
DPD-CHLORINE



4. Repeat steps 2 and 3 above for all standards.

## CAUTION

Use standards only with Hach Company instruments.  
Store standards in set box at room temperature in an upright position

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## Instructions for Quality Control Use:

1. Set wavelength as specified in instrument specific procedure for DPD Chlorine analysis.
2. Wipe tubes with a clean tissue before use.
3. Insert the blank into the instrument, properly aligned. See instrument manual for alignment. *Do not use this blank to zero instrument for chlorine determinations. Use a water blank.*

**HACH** SPEC / COLOR STANDARD  
BLANK



4. Zero the instrument.
5. Place each colored standard in the instrument with the alignment mark properly aligned. Record the instrument reading. The readings should correspond within the stated tolerance limits to the initial value recorded for that instrument. Hach instruments are precalibrated during manufacture. If the instrument calibration changes during normal use, refer to the instrument manual or contact your Hach dealer.

AR795A 26353-88B