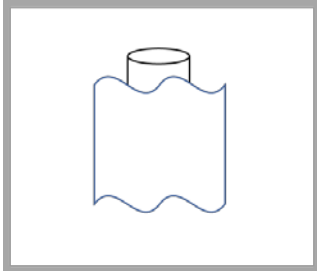


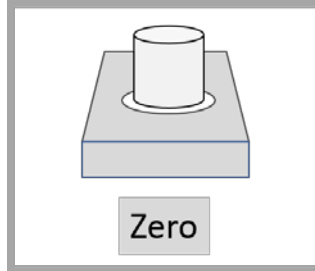
Secondary Standard Verification

Form: EPA Method 334.0 Record of Secondary Standard Verification for Handheld and Benchtop Analyzers (3900-FM-BSDW0547)

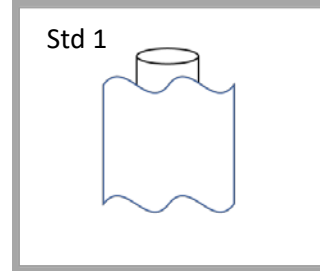
- Determine Initial Reading values for your set of secondary standards. This should be done immediately following initial or routine quarterly primary calibration verification.**



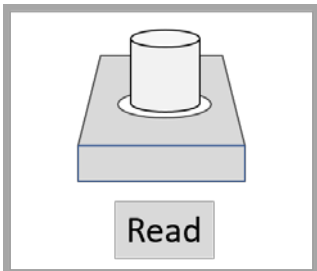
1. Wipe the "Blank" standard to remove fingerprints and moisture



2. Position the blank aligned according to manufacturer's recommendations. Press "Zero" on meter to zero it out.



3. Wipe the standard 1 cell to remove fingerprints



4. Position the standard 1 cell aligned according to manufacturer's recommendations. Press "Read" and record result in the Initial Read Field on the form.

MACH					
Certificate of Analysis					
Product:	DPH Chlorine MP Solid Chlorine Dissolves Standard Kit	Lot Number:	A7084	Expiration Date:	Feb 2019
Product Number:	286860	Blank:	0.00	STD 2 (mg/L):	0.50
Instrument (PPM):	0.00	STD 1 (mg/L):	0.50	STD 3 (mg/L):	0.50
DR 6000 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 6100 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 3900 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 3800 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 2800 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 2700 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 1900 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 900 (87)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
DR 800 (114)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	
PC II (Channel M5)	0.00	0.25 ± 0.05	0.50 ± 0.14	0.80 ± 0.20	

5. Make sure that the initial reading is within the range indicated on the Certificate of Analysis for the set of secondary standards being used.



6. Repeat steps 3 through 5 for Standards 2 and 3. There is no need to re-zero between standards.

- Calculate a range of $\pm 10\%$ of the Initial Reading value for each standard. Record these values in the Acceptable Range fields on the Secondary Standard Verification Form.** Use these Acceptable Ranges for secondary standard verifications until the standards expire or the meter is replaced.

Note: These ranges are specific to the colorimeter and set of standards used and do not apply to other combinations of meters and standards.

- Conduct secondary standard verifications no less frequently than every 7 days.**