



COLORQ/COLORQ 2x

Performance Check Kit

CODE 4301

QUANTITY	CONTENTS	CODE
60 mL	ColorQ Performance Check Standard	4302-H
2	Tubes with caps, ColorQ	0201
2	Tubes with caps, ColorQ 2x	0205

Emergency information for all LaMotte reagents is available from Chem-Tel: [US, 1-800-255-3924] [International, call collect, 813-248-0585]

To order individual reagents or test kit components, use the specified code number.

This color standard is to be used as a performance standard and should be used only with the ColorQ and ColorQ 2x.

INITIAL DETERMINATION OF STANDARD VALUE

Perform this procedure once, when the standard is received. The meter should be in good working order and the chamber should be clean and dry. The initial determination of the standard value will be most beneficial when it is performed when the meter is new.

1. Fill a clean tube [0201/0205] to the line with distilled, deionized or color-free water. Cap the tube.
2. Insert the tube into the meter.
3. Press the button to turn the meter on. When "bLA" or "Blank" appears press the button to "Blank" the meter and go to Free Chlorine. Remove and empty the tube.
4. Fill the same tube to the line with the Performance Check Standard [4302]. Cap the tube.
5. Insert the tube into the meter.
6. Press the button to read the Performance Check Standard as "FCL" Free Chlorine.
7. Record the initial reading on the Data Sheet.
8. Hold the button until OFF is displayed. Remove the tube. Discard the Performance Check Standard down the drain. Do not pour the standard back into the bottle.

INSTRUMENT PERFORMANCE CHECK

After the meter has been in service and there is any doubt that the meter may have dirt or chemical residue in the chamber, it should be thoroughly and carefully cleaned with a damp cotton swab before this procedure is performed.

Perform this procedure at specified intervals dependant on use [for example, after 10 hours of use] to verify the meter performance.

1. Fill a clean tube [0201/0205] to the line with distilled, deionized or color-free water. Cap the tube.
2. Insert the tube into the meter.
3. Press the button to turn the meter on. When “bLA” or “blank” appears press the button to “Blank” the meter and go to Free Chlorine. Remove and empty the tube.
4. Fill the same tube to the line with the Performance Check Standard [4302]. Cap the tube
5. Insert the tube into the meter.
6. Press the button to read the Performance Check Standard as “FCL” Free Chlorine.
7. Record the reading on the Data Sheet. Compare the reading to the initial reading. The reading must be within the tolerance of the initial reading.
8. If the reading is not within the tolerance limits, empty the tube and refill it with fresh Performance Check Standard. If the reading is still outside of the tolerance limits, repeat with a new tube. If the reading continues to be outside of the tolerance limits, contact Tech Service at LaMotte Company. The standard may no longer be valid and should be replaced or the meter may have to be replaced.

NOTE: Do not pour the standard back into the bottle. Store the standard in a cool place out of direct light. Exposure to excessive heat or light may cause degradation of the standard.

The shelf life of the ColorQ Performance Check Standard [4302] is 6 months.

LaMOTTE COMPANY

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