

pH indicators work in a specific range. Samples with a pH above the range of an indicator may match the highest standard on the comparator; samples below the range may match the lowest standard.



pH must be controlled and monitored because it plays an essential role in almost all chemical and biological processes.

LaMOTTE pH TEST KITS

The "Precision Wide Range" pH kit includes two octet comparators and reagents to provide 100 tests. Other pH test kits consist of an Octet Comparator, and a reagent for 50 tests. LaMotte Company has been supplying laboratory quality pH indicator tests to professional analysts for more than eighty years; these are the most reliable, economical pH test kits available. Simply fill the tube to the mark with the sample water, add several drops of indicator, and compare the resulting color against the eight permanent color standards in the comparator.

HOW TO SELECT THE RIGHT pH KIT: SINGLE OR WIDE RANGE?

Single range kits cover a range of 1.4 pH units in 0.2 unit increments (0.1 unit sensitivity). Wide range kits cover pH units in increments of 0.5.

WHICH RANGE?

Choose a kit in which the midpoint of the range covered is as close to the average or optimum pH value of the sample water. If this value is unknown, choose the Precision Wide Range Kit. Indicators specific to a particular pH range allow colorimetric determination of pH. If the water to be tested is cloudy, one may wish to employ the Bicolor Reader (see page 6) or pH meter.



See Instrument Section, pages 22-30 for pH meters.

ORDER CODE/MODEL	pH INDICATOR	OCTET COMPARATOR COLOR STANDARD VALUES IN pH UNITS								HAZARD (SHIPPING WEIGHT/LBS)
pH										
2108/P-CPR	Chlorophenol Red	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	NH (1)
2109/P-BTB	Bromthymol Blue	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	NH (1)
2110/P-PR	Phenol Red	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	NH (1)
2111/P-CR	Cresol Red	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	NH (1)
2112/P-TB	Thymol Blue	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	NH (1)
2113/P-ORB	Oleo Red B	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	R1 (1)
5858	Precision Wide Range	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	R1 (1)
		7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	
2124/P-8512	Alkaline Wide Range	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	R1 (1)

Ship Codes: (NH) Non-Hazardous Material - No Fees • (R1) Small Qty. Hazardous Material - No Fees • (R2 & R3) Hazardous Material - Air Fees Only • (HF) Hazardous Material - Air & Ground Fees
*(NP/DWR) EPA Accepted • †(NP/DES) EPA Accepted • Direct Reading Titrators have a specific range, but may be refilled to test higher concentrations.