

APHA Nessler Color Comparison Tubes

These Nessler tubes are ideal for color comparison.

- Shadowless bottom of each tube transmits undistorted light
- Rings and legend are durable white ceramic enamel which correspond with specific volumes of liquid
- 45315 series is unmatched
- 45315A series is supplied in a matched set of 6
- 45315B series is supplied in a matched set of 12
- Graduated ring scale of any of the tubes within a set will not vary from that of any other tube within the set by more than 1.5 mm for the 50 mL and 2.0 mm for the 100 mL sizes
- The 50 mL size is specifically mentioned by the American Public Health Association in Standard Methods for the Examination of Water and Waste Water
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I Class A requirements



Part Number	OD x Length (mm)	Graduation (mL)	Case Qty
45315-50	20 x 300	50	6
45315-100	24 x 375	100	6
45315-50100	24 x 375	50 & 100	6
45315A-50	20 x 300	50	6
45315A-100	24 x 375	100	6
45315A-50100	24 x 375	50 & 100	6
45315B-50	20 x 300	50	12
45315B-100	24 x 375	100	12

APHA Nessler Color Comparisons Tubes with Cap Stoppers

These Nessler tubes are ideal for color comparison and feature cap style stoppers that do not need to be removed to take readings.

- Shadowless bottom of each tube transmits undistorted light
- Standard Taper cap style stopper
- Replacement cap is 15182
- 45325A is supplied in a matched set of 6
- 45325B is supplied in a matched set of 12
- Graduated ring scale of any of the tubes within a set will not vary from that of any other tube within the set by more than 1.5 mm for the 50 mL and 2.0 mm for the 100 mL sizes
- The 50-100 mL size is designed from ASTM D1209
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Part Number	OD x Length (mm)	Graduation (mL); Standard Taper Joint	Case Qty
45325A-50	20 x 312	50; 19/10	1
45325B-50100	24 x 390	50 & 100; 24/12	1



Replacement Parts

Part Number	Description	Case Qty
15182-1910	Nessler Tubes Stopper, 19/10 Standard Taper Joint	1
15182-2412	Nessler Tubes Stopper, 24/12 Standard Taper Joint	1

AOCS Color Comparison Tube

Used to determine the color of refined vegetable oils such as cottonseed, corn and soybean oils, as well as tallows, greases, fatty acids, etc., with Wesson type tintometers (AOCS Method Cc 13b). Also used to determine the color of whole and refined tall oils with a Lovibond tintometer.



- Shadowless bottom transmits undistorted light
- Rings and legend are durable white ceramic enamel
- Rings are located at specific distances from the inside bottom of the tube
- For use with AOCS Method Cc 13b
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements

Part Number	OD x ID (mm)	Length (mm)	Case Qty
45290-154	22 x 19	154	6

Borosilicate Glass Tubes with 3/4" Banded Labels

These Kimble® Mark-M™ glass culture tubes feature a permanent banded ceramic label, fused to the glass, which is easily written on with marker or pencil.



- Permanent marking spots
- Borosilicate glass tubes have excellent chemical resistance against sodium leaching
- Labels are located 3/4" from the open end and are available in a variety of colors
- All tubes have sturdy, uniform bottoms and consistent lengths
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements

Part Number	Capacity (mL); Color	OD x Length (mm)	Case Qty
60A10BZXB	3; blue	10 x 75	1000
60A10BZXG	3; green	10 x 75	1000
60A10BZXL	3; yellow	10 x 75	1000
60A10BZXW	3; white	10 x 75	1000
60B12BZXW	5; white	12 x 75	1000

Borosilicate Glass Tubes with 1-3/8" Vertical Labels

These Kimble® brand Mark-M™ glass culture tubes feature a permanent vertical ceramic label, fused to the glass, which is easily written on with marker or pencil.



- Permanent marking spots
- Borosilicate glass tubes have excellent chemical resistance against sodium leaching
- Labels are located 3/4" from the open end and are available in a variety of colors
- All tubes have sturdy, uniform bottoms and consistent lengths
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements

Part Number	Capacity (mL); Color	OD x Length (mm)	Case Qty
60A10BZB	3; blue	10 x 75	1000
60A10BZG	3; green	10 x 75	1000
60A10BZL	3; yellow	10 x 75	1000
60A10BZW	3; white	10 x 75	1000
60B12BZB	5; blue	12 x 75	1000
60B12BZG	5; green	12 x 75	1000
60B12BZL	5; yellow	12 x 75	1000
60B12BZW	5; white	12 x 75	1000
60C13BZW	9; white	13 x 100	1000
60E16BZW	14; white	16 x 100	1000