

TURBIDITY STANDARDS

StabCal® Stabilized Formazin Primary Standards

- No preparation of formazin stock
- No dilutions
- Minimal handling
- No special glassware or difficult lab techniques
- StabCal can be used to calibrate a turbidimeter made by any manufacturer

Individual Values for All Turbidimeters

Prod. No. Description

<0.1 NTU Value

- 2659742 StabCal® Turbidity Standard, < 0.1 NTU, 100 mL
2659749 StabCal® Turbidity Standard, < 0.1 NTU, 500 mL
2659753 StabCal® Turbidity Standard, < 0.1 NTU, 1000 mL

0.06 NTU Value

- 2805342 StabCal® Turbidity Standard, 0.06 NTU, 100 mL

0.1 NTU Value

- 2723342 StabCal® Turbidity Standard, 0.10 NTU, 100 mL
2723353 StabCal® Turbidity Standard, 0.10 NTU, 1000 mL
2723356 StabCal® Turbidity Standard, 0.10 NTU, 1 gallon (3.78L) bottle

0.3 NTU Value

- 2697942 StabCal® Turbidity Standard, 0.30 NTU, 100 mL
2697953 StabCal® Turbidity Standard, 0.30 NTU, 1000 mL

0.5 NTU Value

- 2698042 StabCal® Turbidity Standard, 0.50 NTU, 100 mL
2698053 StabCal® Turbidity Standard, 0.50 NTU, 1000 mL

1 NTU Value

- 2659842 StabCal® Turbidity Standard, 1.0 NTU, 100 mL
2659849 StabCal® Turbidity Standard, 1.0 NTU, 500 mL
2659853 StabCal® Turbidity Standard, 1.0 NTU, 1000 mL

10 NTU Value

- 2659942 StabCal® Turbidity Standard, 10 NTU, 100 mL
2659949 StabCal® Turbidity Standard, 10 NTU, 500 mL

20 NTU Value

- 2660142 StabCal® Turbidity Standard, 20 NTU, 100 mL
2660149 StabCal® Turbidity Standard, 20 NTU, 500 mL
2660153 StabCal® Turbidity Standard, 20 NTU, 1000 mL

40 NTU Value

- 2746353 StabCal® Turbidity Standard, 40 NTU, 1000 mL
2746356 StabCal® Turbidity Standard, 40 NTU, 1 gallon (3.78 L) bottle

100 NTU Value

- 2660242 StabCal® Turbidity Standard, 100 NTU, 100 mL
2660249 StabCal® Turbidity Standard, 100 NTU, 500 mL

200 NTU Value

- 2660442 StabCal® Turbidity Standard, 200 NTU, 100 mL
2660449 StabCal® Turbidity Standard, 200 NTU, 500 mL

800 NTU Value

- 2660542 StabCal® Turbidity Standard, 800 NTU, 100 mL
2660549 StabCal® Turbidity Standard, 800 NTU, 500 mL

1000 NTU Value

- 2660642 StabCal® Turbidity Standard, 1000 NTU, 100 mL
2660649 StabCal® Turbidity Standard, 1000 NTU, 500 mL

4000 NTU Value

- 246142 Formazin Turbidity Standard, 4000 NTU, 100 mL
246149 Formazin Turbidity Standard, 4000 NTU, 500 mL

7500 NTU Value

- 2584202 StabCal® Turbidity Standard, 7500 NTU, Sealed Vial Standard

StabCal Stabilized Formazin Standards are true formazin dilutions developed for use in any turbidimeter. With proprietary manufacturing technology, Hach prepares StabCal standards in precise concentrations for conventional turbidimeters. Monitor high-quality treated drinking water, wastewater effluent, or an industrial process stream with complete confidence in the results with Hach StabCal Stabilized Formazin Standards.

StabCal standards are equivalent in performance to formazin primary standards, but require no special preparation, saving precious time in the laboratory. Calibration of turbidimeters with StabCal can be done quickly and accurately.

StabCal® Calibration Kits

Prod. No. Description

For the 2100Q - 20, 100, 800, 10 (for verification) NTU

- 2971205 Set of StabCal Sealed Vial Standards
2971210 100 mL bottles
2971200 500 mL bottles

For the 2100P - <0.1, 20, 100, 800 NTU

- 2659405 StabCal® Turbidity Standards Calibration Kit, 2100P Portable Turbidimeter, Sealed Vials
2659410 StabCal® Turbidity Standards Calibration Kit, 2100P Portable Turbidimeter, 100 mL bottles
2659400 StabCal® Turbidity Standards Calibration Kit, 2100P Portable Turbidimeter, 500 mL bottles

For the 2100N/N IS - <0.1, 20, 200, 1000, 4000 NTU

- 2662105 StabCal Set for 2100N/N IS
2662110 StabCal® Turbidity Standards Calibration Kit, 2100N / N IS Turbidimeter, 100 mL bottles
2662100 StabCal® Turbidity Standards Calibration Kit, 2100N / N IS Turbidimeter, 500 mL bottles

For the 2100AN/AN IS - <0.1, 20, 200, 1000, 4000, 7500 NTU

- 2659505 StabCal Set for 2100AN/AN IS
2659510 StabCal® Turbidity Standards Calibration Kit, 2100AN / AN IS Turbidimeter, 100 mL bottles
2659500 StabCal® Turbidity Standards Calibration Kit, 2100AN / AN IS Turbidimeter, 500 mL bottles

2100A - 1.0, 10, 100, 1000 NTU

- 2659105 StabCal® Turbidity Standards Calibration Kit, 2100A Turbidimeter, Sealed Vials
2659110 StabCal® Turbidity Standards Calibration Kit, 2100A Turbidimeter, 100 mL bottles

ULR Verification Set* - 0.1, 0.3, 0.5, 1.0 NTU

- 2714600 StabCal® ULR Verification Kit, 100 mL

Gelex Secondary Standards

Prod. No. Description

- 2464105 Gelex Secondary Standard set
2589000 Gelex Secondary Standard Set for 2100N/N IS
2589200 Gelex Secondary Standard Set for 2100AN/AN IS

*For verification only. Not for calibration.



StabCal® Stabilized Formazin Turbidity Standards are available in 100 mL, 500 mL, 1L, and 1 gallon bottles, or in convenient sealed vials. Sets are available that include the specific range of NTU values needed to calibrate any turbidimeter.