

pH Buffer CRM

Primary pH Buffer CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. The metrological traceability is assured through calibration by primary method for pH measurement - Harned cell. Expanded uncertainty - $0.003 \div 0.005$. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
PH214.L5	pH 1.679 at 25 C Potassium Tetraoxalate (Primary pH Buffer Solution)	500	ml
PH215.L5	pH 3.776 at 25 C Potassium Dihydrogen Citrate (Primary pH Buffer Solution)	500	ml
PH216.L5	pH 4.008 at 25 C Potassium Hydrogen Phtalate (Primary pH Buffer Solution)	500	ml
PH217.L5	pH 6.865 at 25 C Potassium Dihydrogen Phosphate/ Hydrogen Phosphate (Primary pH Buffer Solution)	500	ml
PH218.L5	pH 7.413 at 25 C Potassium Dihydrogen Phosphate/ di-Sodium Hydrogen Phosphate (Primary pH Buffer Solution)	500	ml
PH219.L5	pH 9.180 at 25 C Sodium Tetraborate (Primary pH Buffer Solution)	500	ml
PH220.L5	pH 10.01 at 25 C Sodium Carbonate/Sodium Hydrogen Carbonate (Primary pH Buffer Solution)	500	ml

Secondary pH Buffer CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
PH014.L5	pH 1.679 at 25 C Potassium Tetraoxalate	500	ml
PH014.1L		1000	ml
PH015.L5	pH 3.776 at 25 C Potassium Dihydrogen Citrate	500	ml
PH015.1L		1000	ml
PH016.L5	pH 4.008 at 25 C Potassium Hydrogen Phthalate	500	ml
PH016.1L		1000	ml

Ref. Number	Description	Volume	Msr
PH017.L5	pH 6.865 at 25 C Potassium Dihydrogen Phosphate/ Hydrogen Phosphate	500	ml
PH017.1L		1000	ml
PH018.L5	pH 7.413 at 25 C Potassium Dihydrogen Phosphate/ di-Sodium Hydrogen Phosphate	500	ml
PH018.1L		1000	ml
PH019.L5	pH 9.180 at 25 C Sodium Tetraborate	500	ml
PH019.1L		1000	ml
PH020.L5	pH 10.01 at 25 C Sodium Carbonate/Sodium Hydrogen Carbonate	500	ml
PH020.1L		1000	ml

Color-coded pH Buffer CRM

These pH Buffers are color-coded for simplicity.

They are CRM's under ISO 17034 and ISO/IEC 17025. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
PH004.L5	pH 4.00 at 20 C coloured Citric acid/ Sodium Hydroxide/ Sodium Chloride	500	ml
PH004.1L		1000	ml
PH007.L5	pH 7.00 at 20 C coloured Potassium Dihydrogen Phosphate/di- Sodium Hydrogen Phosphate	500	ml
PH007.1L		1000	ml
PH010.L5	pH 10.00 at 20 C coloured Borax/Sodium Hydroxide	500	ml
PH010.1L		1000	ml

Reference pH Buffer CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
PH101.L5	pH 1.00 at 20 C Glycine/ Sodium Chloride/ Hydrochloric Acid	500	ml
PH101.1L		1000	ml
PH102.L5	pH 2.00 at 20 C Citric Acid/ Sodium Chloride/ Hydrochloric Acid	500	ml
PH102.1L		1000	ml
PH103.L5	pH 3.00 at 20 C Citric Acid/ Sodium Chloride/ Hydrochloric Acid	500	ml
PH103.1L		1000	ml
PH104.L5	pH 4.00 at 20 C Citric Acid/ Sodium Chloride/ Sodium Hydroxide	500	ml
PH104.1L		1000	ml
PH105.L5	pH 5.00 at 20 C Citric Acid/ Sodium Hydroxide	500	ml
PH105.1L		1000	ml
PH106.L5	pH 6.00 at 20 C Citric Acid/ Sodium Hydroxide	500	ml
PH106.1L		1000	ml
PH107.L1	pH 7.00 at 20 C di-Sodium Hydrogen Phosphate/ Potassium Dihydrogen Phosphate	100	ml
PH107.L5		500	ml
PH107.1L		1000	ml
PH108.L5	pH 8.00 at 20 C Boric Acid/ Sodium Chloride/ Sodium Hydroxide	500	ml
PH108.1L		1000	ml

Ref. Number	Description	Volume	Msr
PH109.L5	pH 9.00 at 20 C Boric Acid/ Potassium Chloride/ Sodium Hydroxide	500	ml
PH109.1L		1000	ml
PH110.L5	pH 10.00 at 20 C Boric Acid/ Potassium Chloride/ Sodium Hydroxide	500	ml
PH110.1L		1000	ml
PH111a.L5	pH 11.00 at 20 C Disodium Hydrogen Phosphate/ Sodium Hydroxide	500	ml
PH111a.1L		1000	ml
PH112.L5	pH 12.00 at 20 C di-Sodium Hydrogen Phosphate/ Sodium Hydroxide	500	ml
PH112.1L		1000	ml
PH113.L5	pH 13.00 at 20 C Glycine/ Sodium Hydroxide/ Sodium Chloride	500	ml
PH113.1L		1000	ml

Pt-Co/ Hazen CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025 and are used for color determination of liquids related to ISO 7887, ASTM D1209-05, APHA (2120B), EPA (110.1), ACS and USP. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
HZN0.L5	Pt-Co/ Hazen 0 Colour Reference Standard (Optically pure water)	500	ml
HZN5.L1	Pt-Co/ Hazen 5 Colour Reference Standard	100	ml
HZN5.L5	Pt-Co/ Hazen 5 Colour Reference Standard	500	ml
HZN10.L1	Pt-Co/ Hazen 10 Colour Reference Standard	100	ml
HZN10.L5	Pt-Co/ Hazen 10 Colour Reference Standard	500	ml
HZN15.L1	Pt-Co/ Hazen 15 Colour Reference Standard	100	ml
HZN15.L5	Pt-Co/ Hazen 15 Colour Reference Standard	500	ml
HZN20.L1	Pt-Co/ Hazen 20 Colour Reference Standard	100	ml
HZN20.L5	Pt-Co/ Hazen 20 Colour Reference Standard	500	ml
HZN25.L1	Pt-Co/ Hazen 25 Colour Reference Standard	100	ml
HZN25.L5	Pt-Co/ Hazen 25 Colour Reference Standard	500	ml
HZN30.L1	Pt-Co/ Hazen 30 Colour Reference Standard	100	ml
HZN30.L5	Pt-Co/ Hazen 30 Colour Reference Standard	500	ml
HZN35.L1	Pt-Co/ Hazen 35 Colour Reference Standard	100	ml
HZN35.L5	Pt-Co/ Hazen 35 Colour Reference Standard	500	ml
HZN40.L1	Pt-Co/ Hazen 40 Colour Reference Standard	100	ml
HZN40.L5	Pt-Co/ Hazen 40 Colour Reference Standard	500	ml
HZN50.L1	Pt-Co/ Hazen 50 Colour Reference Standard	100	ml
HZN50.L5	Pt-Co/ Hazen 50 Colour Reference Standard	500	ml
HZN60.L1	Pt-Co/ Hazen 60 Colour Reference Standard	100	ml
HZN60.L5	Pt-Co/ Hazen 60 Colour Reference Standard	500	ml
HZN70.L1	Pt-Co/ Hazen 70 Colour Reference Standard	100	ml
HZN70.L5	Pt-Co/ Hazen 70 Colour Reference Standard	500	ml
HZN100.L1	Pt-Co/ Hazen 100 Colour Reference Standard	100	ml
HZN100.L5	Pt-Co/ Hazen 100 Colour Reference Standard	500	ml
HZN150.L1	Pt-Co/ Hazen 150 Colour Reference Standard	100	ml
HZN150.L5	Pt-Co/ Hazen 150 Colour Reference Standard	500	ml

Ref. Number	Description	Volume	Msr
HZN200.L1	Pt-Co/ Hazen 200 Colour Reference Standard	100	ml
HZN200.L5	Pt-Co/ Hazen 200 Colour Reference Standard	500	ml
HZN250.L1	Pt-Co/ Hazen 250 Colour Reference Standard	100	ml
HZN250.L5	Pt-Co/ Hazen 250 Colour Reference Standard	500	ml
HZN300.L1	Pt-Co/ Hazen 300 Colour Reference Standard	100	ml
HZN300.L5	Pt-Co/ Hazen 300 Colour Reference Standard	500	ml
HZN350.L1	Pt-Co/ Hazen 350 Colour Reference Standard	100	ml
HZN350.L5	Pt-Co/ Hazen 350 Colour Reference Standard	500	ml
HZN400.L1	Pt-Co/ Hazen 400 Colour Reference Standard	100	ml
HZN400.L5	Pt-Co/ Hazen 400 Colour Reference Standard	500	ml
HZN450.L1	Pt-Co/ Hazen 450 Colour Reference Standard	100	ml
HZN450.L5	Pt-Co/ Hazen 450 Colour Reference Standard	500	ml
HZN500.L1	Pt-Co/ Hazen 500 Colour Reference Standard	100	ml
HZN500.L5	Pt-Co/ Hazen 500 Colour Reference Standard	500	ml

Turbidity CRM

These solutions are CRM's under ISO 17034 and ISO/IEC 17025. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
TD0.1NTU.L1	Turbidity Standard <0.1 NTU	100	ml
TD0.1NTU.L5	Turbidity Standard <0.1 NTU	500	ml
TD0.5NTU.L1	Turbidity Standard 0.5 NTU (Formazin)	100	ml
TD0.5NTU.L5	Turbidity Standard 0.5 NTU (Formazin)	500	ml
TD1NTU.L1	Turbidity Standard 1 NTU (Formazin)	100	ml
TD1NTU.L5	Turbidity Standard 1 NTU (Formazin)	500	ml
TD5NTU.L1	Turbidity Standard 5 NTU (Formazin)	100	ml
TD5NTU.L5	Turbidity Standard 5 NTU (Formazin)	500	ml
TD10NTU.L1	Turbidity Standard 10 NTU (Formazin)	100	ml
TD10NTU.L5	Turbidity Standard 10 NTU (Formazin)	500	ml
TD15NTU.L1	Turbidity Standard 15 NTU (Formazin)	100	ml
TD15NTU.L5	Turbidity Standard 15 NTU (Formazin)	500	ml
TD20NTU.L1	Turbidity Standard 20 NTU (Formazin)	100	ml
TD20NTU.L5	Turbidity Standard 20 NTU (Formazin)	500	ml
TD40NTU.L1	Turbidity Standard 40 NTU (Formazin)	100	ml
TD40NTU.L5	Turbidity Standard 40 NTU (Formazin)	500	ml
TD50NTU.L1	Turbidity Standard 50 NTU (Formazin)	100	ml
TD50NTU.L5	Turbidity Standard 50 NTU (Formazin)	500	ml
TD100NTU.L1	Turbidity Standard 100 NTU (Formazin)	100	ml
TD100NTU.L5	Turbidity Standard 100 NTU (Formazin)	500	ml
TD200NTU.L1	Turbidity Standard 200 NTU (Formazin)	100	ml
TD200NTU.L5	Turbidity Standard 200 NTU (Formazin)	500	ml
TD400NTU.L1	Turbidity Standard 400NTU (Formazin)	100	ml
TD400NTU.L5	Turbidity Standard 400NTU (Formazin)	500	ml
TD500NTU.L1	Turbidity Standard 500 NTU (Formazin)	100	ml
TD500NTU.L5	Turbidity Standard 500 NTU (Formazin)	500	ml

Ref. Number	Description	Volume	Msr
TD750NTU.L1	Turbidity Standard 750 NTU (Formazin)	100	ml
TD750NTU.L5	Turbidity Standard 750 NTU (Formazin)	500	ml
TD800NTU.L1	Turbidity Standard 800NTU (Formazin)	100	ml
TD800NTU.L5	Turbidity Standard 800NTU (Formazin)	500	ml
TD1000NTU.L1	Turbidity Standard 1000 NTU (Formazin)	100	ml
TD1000NTU.L5	Turbidity Standard 1000 NTU (Formazin)	500	ml
TD2000NTU.L1	Turbidity Standard 2000 NTU (Formazin)	100	ml
TD2000NTU.L5	Turbidity Standard 2000 NTU (Formazin)	500	ml
TD4000NTU.L1	Turbidity Standard 4000NTU (Formazin)	100	ml
TD4000NTU.L5	Turbidity Standard 4000NTU (Formazin)	500	ml