

TABLE 22: Inorganic Analyte PT Samples- PT Provider Formulations

Each approved proficiency testing provider offers inorganic analytes (general chemistry and metallic) analytes in mixes or as individual analytes. This table identifies the PT in which each of these analytes is available. Common abbreviations used: In Nutrient (Inorganic Nutrients), Simple Nutr (Simple Nutrients), Org Nutrient (Organic Nutrients), Complex Nu (Complex Nutrients), and Trace (Trace Metals).

Analyte	Absolute	ERA	NSI	NY DoH	RTC	WIBBY	WSLH
Biochemical Oxygen Demand	Demand	Demand	Demand	Demand	Demand	Demand	BOD/COD
Carbonaceous BOD	Demand	Demand	Demand	Demand	Demand	Demand	BOD/COD
Acidity as CaCO ₃	Acidity	Acidity	Acidity	Not Avail	Acidity	Acidity	Not Avail
Alkalinity	Minerals #2	Minerals	Minerals	Alkalinity	Minerals	Minerals	Not Avail
Chlorine, Total Residual	TRC	TRC	TRC	Not Avail	TRC	TRC	TRC
Ammonia as N	In Nutrient	Simple Nutr	Simple Nutr	In Nutrient	Simple Nutr	Nutrients	Nutrients A
Bromide	Anions	Bromide	Bromide	Not Avail	Anions Bromide	Minerals	Not Avail
Chromium (Hexavalent)	Hex Chrome	Hex Chrome	Hex Chrome	Hex Chrome	Hex Chrome	Hex Chrome	Not Avail
Cyanide, Total	Cyanide	Cyanide	Cyanide	Cyanide	Cyanide	Cyanide	Cyanide
Fluoride	Minerals #2	Hardness	Minerals	Minerals	Anions	Minerals	Cl/F/SO ₄
Hardness, Total as CaCO ₃	Minerals #1	Hardness	Hardness	Minerals II	Minerals	Minerals	Hardness Metals A
Kjeldahl Nitrogen, Total	Org Nutrient	Complex Nu	Complex Nu	Org Nutrient	Complex Nu	Nutrients	Nutrients B
Nitrate	In Nutrient NO ₃ + NO ₂	Simple Nutr	Simple Nutr	In Nutrient	Anions Simple Nutr	Nutrients	Nutrients A
Nitrate + Nitrite	NO ₃ + NO ₂	Simple Nutr	Simple Nutr	Not Avail	Simple Nutr	Nutrients	Nutrients A
Nitrite	NO ₃ + NO ₂	NO ₂	NO ₂	NO ₂	Anions NO ₂	Nutrients	Not Avail
Oil and Grease, Hexane Extractable Materials	HEM	Oil& Grease	Oil& Grease	Oil& Grease	Oil& Grease	Oil& Grease	HEM
Organic Carbon, Total (TOC)	Demand	Demand	Demand	Demand	Demand	Demand	Not Avail
Organic Halides, Total (TOX)	TOX	TOX	TOX	Not Avail	TOX	TOX	Not Avail
Orthophosphate	In Nutrient	Simple Nutr	Simple Nutr	In Nutrient	Anions Simple Nutr	Nutrients	Not Avail
Chemical Oxygen Demand	Demand	Demand	Demand	Demand	Demand	Demand	BOD/COD
pH	pH	pH	pH	pH	pH	pH	pH
Phenolics, Total	Phenolics	Phenolics	Phenolics	Not Avail	Phenolics	Phenolics	Phenolics
Phosphorus, Total	Org Nutrient	Complex Nu	Complex Nu	Org Nutrient	Complex Nu	Nutrients	Nutrients B
Chloride	Minerals #1	Minerals	Minerals	Minerals	Minerals	Minerals	Cl/F/SO ₄
Residue, Filterable (TDS)	Minerals #1 Solids	Minerals	Minerals Residue	TDS	Minerals Residue	Solids	Not Avail
Residue, Nonfilterable (TSS)	Solids	Hardness	Residue	Residue	Residue	Solids	TSS
Silica	Silica	Silica	Silica	Not Avail	Silica	Silica	Not Avail

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Analyte	Absolute	ERA	NSI	NY DoH	RTC	WIBBY	WSLH
Specific Conductance	Sp Conduct	Minerals	Minerals	Sp Conduct	Minerals	Minerals	Not Avail
Sulfate	Mineral #2	Minerals	Minerals	Minerals	Anions	Minerals	Cl/F/SO ₄
Surfactants	MBAS	MBAS	MBAS	MBAS	MBAS	MBAS	Not Avail
Turbidity	Turbid	Turbid	Turbid	Turbid	Turbid	Turbid	Not Avail
Aluminum	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals C
Antimony	Trace #2	Trace	Trace	Metals I & II	Trace #2	Trace	Metals B
Arsenic	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Barium	Trace #2	Trace	Trace	Metals I & II	Barium & Tin	Trace	Metals C
Beryllium	Trace #2	Trace	Trace	Metals I & II	Trace #1	Trace	Metals E
Boron	Trace #2	Trace	Boron	Metals I & II	Trace #2 Boron	Trace	Metals A
Cadmium	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Calcium	Minerals #1	Hardness	Hardness	Minerals II	Minerals	Minerals	Metals A
Chromium (Total)	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Cobalt	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Copper	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Iron	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Lead	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Magnesium	Minerals #1	Hardness	Hardness	Minerals II	Minerals	Minerals	Metals A
Manganese	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Mercury	Trace #1	Trace	Mercury	Metals III	Trace #1 Mercury	Trace	Metals B
Molybdenum	Trace #2	Trace	Trace	Metals III	Trace #2	Trace	Metals C
Nickel	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A
Potassium	Minerals #2	Minerals	Minerals	Minerals II	Minerals	Minerals	Metals A
Selenium	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals B
Silver	Trace #2	Trace	Trace	Metals I & II	Trace #2	Trace	Metals A
Sodium	Minerals #2	Minerals	Minerals	Minerals II	Minerals	Minerals	Metals A
Strontium	Trace #2	Trace	Trace	Metals I & II	Trace #2	Trace	Metals C
Thallium	Trace #2	Trace	Trace	Metals I & II	Trace #2	Trace	Metals C
Tin	Tin	Tin-Titanium	Trace	Metals III	Barium & Tin	Trace	Metals E
Titanium	Trace #2	Tin-Titanium	Trace	Metals III	Trace #2	Trace	Metals D
Vanadium	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals C
Zinc	Trace #1	Trace	Trace	Metals I & II	Trace #1	Trace	Metals A