

STORET to WQX Characteristic Name Crosswalk Showing Method Speciation Name

This spreadsheet lists STORET characteristics that now require a method speciation in WQX.*

Old STORET Characteristic Name	New WQX Characteristic Name	WQX Method Speciation
Acidity as CaCO3	Acidity, hydrogen ion (H+)	as CaCO3
Alkalinity, bicarbonate as CaCO3	Bicarbonate	as CaCO3
Alkalinity, carbonate as CaCO3	Calcium carbonate	as CaCO3
Alkalinity, hydroxide as CaCO3	Calcium hydroxide	as CaCO3
Calcium as CaCO3	Calcium	as CaCO3
Nitrogen, ammonia (NH3) as NH3	Ammonia	as NH3
Nitrogen, ammonia (NH3) as NH4	Ammonia	as NH4
Nitrogen, ammonia as N	Ammonia-nitrogen	as N
Nitrogen, Ammonium (NH4) as N	Ammonium	as N
Nitrogen, ammonium (NH4) as NH4	Ammonium	as NH4
Nitrogen, mixed forms (NH3)+(NH4)+organic+(NO2)+(NO3)	Nutrient-nitrogen	
Nitrogen, Nitrate (NO3) as N	Nitrate	as N
Nitrogen, Nitrate (NO3) as NO3	Nitrate	as NO3
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	Inorganic nitrogen (nitrate and nitrite)	as N
Nitrogen, Nitrite (NO2) as N	Nitrite	as N
Nitrogen, Nitrite (NO2) as NO2	Nitrite	as NO2
Phosphorus as P	Phosphate-phosphorus	as P
Phosphorus as PO4	Phosphate-phosphorus	as PO4
Phosphorus, hydrolyzable as P	Polyphosphate	as P
Phosphorus, hydrolyzable as PO4	Polyphosphate	as PO4
Phosphorus, hydrolyzable plus orthophosphate	Polyphosphate	as P
Phosphorus, organic as P	Organic phosphorus	as P
Phosphorus, orthophosphate as P	Orthophosphate	as P
Phosphorus, orthophosphate as PO4	Orthophosphate	as PO4
Phosphorus, phosphate (PO4) as P	Phosphate-phosphorus	as P
Phosphorus, phosphate (PO4) as PO4	Phosphate-phosphorus	as PO4
Phosphorus, polyphosphate as PO4	Polyphosphate	as PO4
Silicon as Si	Silicon	as Si
Silicon as SiO2	Silicon	as SiO2
Sulfite (SO3) as S	Sulfite	as S
Sulfite (SO3) as SO3	Sulfite	as SO3
Sulfur, sulfate (SO4) as S	Sulfate	as S
Sulfur, sulfate (SO4) as SO4	Sulfate	as SO4

*Note that "Nitrogen, mixed forms..." does not require a Method Speciation, but it is included since it has a significantly different name.