Water Quality Analysis List

No.	Item	Unit	Analysis Method
1	ｐＨ		ＪＩＳ－Ｋ０１０１－１１
2	Turbidity	mg/L	Clean water test
3	ＣＯＤ	mg/L	ＪＩＳ－Ｋ０１０１－１７
4	ＢＯＤ	mg/L	ＪＩＳ－Ｋ０１０１－１９
5	Electrical Conductivity	mS/m	ＪＩＳ－Ｋ０１０１－１２
6	Acid Consumption(pH4.8)	mg$CaCO_3$/L	ＪＩＳ－Ｋ０１０１－１３．１
7	Free Carbonic Acid	CO_2mg/L	Clean water test
8	Bicarbonate Ion	mgHCO_3^-/L	ＪＩＳ－Ｋ０１０１－２５．１
9	Nitrate Ion	mg/L	ＪＩＳ－Ｋ０１０１－３７．２
10	Sulfate Ion	mg/L	ＪＩＳ－Ｋ０１０１－４２
11	Chloride Ion	mg/L	ＪＩＳ－Ｋ０１０１－３２
12	Nitrite Ion	mg/L	ＪＩＳ－Ｋ０１０１－３７．１
13	Total Nitrogen	mg/L	ＪＩＳ－Ｋ０１０１－３９
14	Zn	mg/L	ＪＩＳ－Ｋ０１０１－５２
15	Al	mg/L	ＩＣＰ－ＭＳ
16	Mn	mg/L	ＪＩＳ－Ｋ０１０１－５８
17	Ca	mg/L	ion chromatography
18	Mg	mg/L	ion chromatography
19	K	mg/L	ion chromatography
20	Na	mg/L	ion chromatography
21	NH_4^+	mg/L	ＪＩＳ－Ｋ０１０１－３６
22	Fe	mg/L	ＪＩＳ－Ｋ０１０１－６０
23	Ionic silica	mg/L	ＪＩＳ－Ｋ０１０１－４４.1.1
24	Dissolved and Colloidal Silica	mg/L	ＪＩＳ－Ｋ０１０１－４４．２
25	Total Phosphorus	mg/L	ＪＩＳ－Ｋ０１０１－４３．３
26	Total Evaporation Residue	mg/L	ＪＩＳ－Ｋ０１０１－１６．２
27	All Anions	mg$CaCO_3$/L	calculated value
28	All Cations	mg$CaCO_3$/L	calculated value

We can analyze other items which are not listed in above table due to composition of water