

The enclosed vials when properly diluted will give known concentrations. One sample is prepared from Vial #1 and Vial #2. However, caution should be taken not to directly mix the contents of the vials.

Add 900mL of laboratory grade water to a one (1) Liter volumetric flask, pipet 10.0 mL of Vial #1 and 10.0 mL of Vial #2 into the flask. Mix well and dilute to the mark with laboratory grade water.

Analyte	Units	DMRQA
Alkalinity as CaCO ₃	mg/L	10.0 - 120
Calcium	mg/L	3.50 - 110
Chloride	mg/L	35.0 - 275
Conductivity	umhos/cm	200 - 930
Magnesium	mg/L	2.00 - 40.0
Sulfate	mg/L	5.00 - 125
Total Dissolved Solids at 180°C	mg/L	140 - 650
Total Hardness as CaCO ₃	mg/L	17.0 - 440

