



Procedure

This step is to be run following a sample digestion using HF.

After allowing the vessel to cool add 5-25 mL of 4% Boric Acid. (5 mL per 1 mL of HF).

Notes

Recommended Equipment

Discover SP-D 80

Recommended Vessels

80 mL Quartz with Teflon liner

Reagents

H₃BO₃ (4%)

Max Sample Weight

Varies

Sample Type / Vent Program

Inorganic

Control Type

Ramp to Temperature

Heating Program

Stage	Temp (°C)	*Ramp (mm:ss)	Hold (mm:ss)	Pressure (psi)	* Power (W)	Stirring
1	160	4:00	2:00	400	300	Med

* Ramp times and power may vary depending on the type and number of vessels.

Results

Sample was clear, colorless, and particle free upon dilution to 50 mL.

General Precaution

- This procedure is a reference point for sample digestion using a CEM system and may need to be modified or changed to obtain the required results on your sample.
- If using a vessel other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.
- If using HF, follow restrictions listed in HF Addendum