

Boric Acid Neutralization

Sample Category: For HF Applications

Sample Requirements

Sample Weight: Varies

Reagents: 10mL 4% H_3BO_3

Vessels: 35mL glass, quartz, and Teflon™ lined

Microwave Heating Program

Control Style: Ramp To Temperature

Pressure Mode: Organic

Recommended Equipment



Discover SP-D

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



Notes:

1. If using a vial other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.
2. This procedure can be used if it is necessary to complex the residual hydrofluoric acid or redissolve insoluble fluorides formed by reaction of certain analytes with hydrofluoric acid.
3. This procedure is not recommended for methods that use more than 3ml of HF.

General Precautions:

This procedure is a reference for sample digestion using a CEM System and may need to be modified or changed to obtain the required results on your sample