

# Discover® SP-D 80™ Method Note

## Microwave Digestion of Bunker Oil

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Weigh 0.25 g of the sample into the digestion vessel. Add 10 mL HNO<sub>3</sub>.

#### **Notes**

Recommended Equipment	Recommended Vessels	Reagents
Discover SP-D 80	80 mL Quartz	HNO₃

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Max Sample Weight	Sample Type / Vent Program	Control Type
0.25 g	Organic	Ramp to Temperature

Heating	Program					
Stag	e Temp (°C)	*Ramp (mm:ss)	Hold (mm:ss)	Pressure (psi)	* Power (W)	Stirring
1	210	10:00	5:00	400	300	Med

<sup>\*</sup> 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**

- a) 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.
- b) If using a vessel other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.