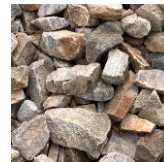


# HfO<sub>2</sub>

## Milestone Application Note for Acid Digestion SK-Geochemistry-67



### Summary

This method represents a guideline for the microwave acid digestion of HfO<sub>2</sub> samples with the Milestone ETHOS UP and ETHOS EASY systems.

This procedure may need to be optimized to match your specific analytical goals.

### Instrumentation

Milestone ETHOS UP or ETHOS EASY microwave units, SK-15 high-pressure rotor, T1 temperature control. Options T2 temperature control and P1 or P2 pressure control.



### Sample weight and reagents

Sample weight	Up to 500 mg
Reagents	10 mL HF

### Microwave program

Step	Time	T1	Power
1	00:20:00	220C	1800 W*
2	00:15:00	220C	1800 W*

Subject to change without notice.  
For additional information please contact  
[application@milestonesrl.com](mailto:application@milestonesrl.com)

### General precautions

\*Use only up to 500 W for runs with 3 or less vessels simultaneously.

Always use hand, eye and body protection when operating with the microwave system.

