

# Mud 25% of organic

Milestone Application Note for Acid Digestion SK-Environmental-022



## Summary

This method represents a guideline for the microwave acid digestion of Mud 25% of organic 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	8 mL HNO <sub>3</sub> 2 mL H <sub>2</sub> O <sub>2</sub>

## Microwave program

Step	Time	T1	Power
1	00:15:00	200C	1800 W*
2	00:15:00	200C	1800 W*

## 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.

Subject to change without notice.  
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