

TEA LEAVES

MILESTONE APPLICATION NOTE FOR ACID DIGESTION
MAXI14-FOOD-010



SUMMARY

This method represents a guideline for the microwave acid digestion of Tea leaves samples with the Milestone ETHOS LEAN system. This procedure may need to be optimized to match your specific analytical goals.

INSTRUMENTATION

Milestone ETHOS LEAN microwave unit, MAXI-14 rotor, T2 infrared temperature control. Option P2 pressure control.



SAMPLE WEIGHT AND REAGENTS

Sample weight	Up to 250 mg
Reagents	5 mL HNO ₃ 1 mL H ₂ O ₂

GENERAL PRECAUTIONS

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

MICROWAVE PROGRAM

Step	Time	T2	Power
1	00:08:00	150°C	850 W*
2	00:07:00	180°C	850 W*
3	00:10:00	180°C	850 W*

Subject to change without notice.
For additional information
please visit www.milestonesrl.com
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