

### Sample Preparation

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- Obtain chopped plant material and weigh out 50–70 mg batches using an [OHAUS Analytical Balance](#).

### Homogenization

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- Place each batch into its own respective pre-designed [OHAUS Plant Lysing Tubes](#) containing 3.0 mm Zirconium Beads.
- Homogenize the tubes using the [OHAUS HT Lysing Homogenizer](#) for 3 minutes at 1300 rpm. (Preset 3).
- Add 500 µL of methanol to each of the sample.
- Homogenize for an additional 3 minutes at 1300 rpm (Preset 3).
- Allow samples to rest at room temperature for 15 minutes.

### Processing Preparation

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- Place the samples into [OHAUS Multi-Tube Vortexer](#) and mix continuously for 1 minute.
- Centrifuge the sample using the [OHAUS FC5513 Centrifuge](#) at 3000 rpm for 3 minutes.
- Transfer 100 µL of the supernatant to a new 1.5 mL micro-centrifuge tube and add 900 µL of methanol.
- Filter the mixture through a 0.45 µm syringe and transfer to a 1.5 mL sample vial for processing.

### OHAUS Products Used Within This Procedure

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[Analytical Balances](#)



[Plant Lysing Tubes](#)



[HT Lysing Homogenizer](#)



[Multi-Tube Vortexer](#)



[FC5513 Centrifuge](#)