



## Licorice root (dry)

- Extract molecules (DNA, RNA, protein, chemicals)
- Dry final product
- Sample sizes: 10 to 100 mg.

### Materials Required

One of these Bullet Blenders

- **Bullet Blender (BBX24)\***
- **Bullet Blender Blue (BBX24B)\***
- **Bullet Blender Storm 24 (BBY24M)**
- **Bullet Blender 24 Gold (BB24-AU)**

\*To use these models, set the speed to 10 and use no more than two tubes in the machine.

Reagents

**None required**

Bead choices

- **3.5 mm stainless steel UFO beads (SSUFO35)** use 6 beads

### Procedure

1. Cut the sample into appropriately sized pieces. For larger samples, we recommend cutting the material into long, thin strips for faster homogenization.
2. Place the sample in the tube with the beads.
3. Close the tubes tightly and place them in the Bullet Blender.
4. Set the controls for Speed 12 and Time 5. Press Start.
5. After the run, remove the tubes from the instrument and visually inspect the samples. If homogenization is incomplete, homogenize for another 5 minutes.
6. Proceed with your downstream application.