

Stock Solution



TD-S Revision 2.0

Creation Date: 6/26/2014
Revision Date: 10/22/2019

100 mg/ml Phosphinothricin (PPT) Stock Solution

Instructions

1. Weigh 1 g of phosphinothricin ([Phospinothriin, GoldBio Catalog # P-165](#), [CAS 77182-82-2, mw. = 198.16]).
2. Add 10 ml of sterile H₂O. Dissolve completely.
3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H₂O and discard water.
4. Sterilize phosphinothricin (PPT) Stock through the prepared 0.22 µm syringe filter.
5. Stock may be kept at -20°C for 1 year.

Plate Selection

10 mg/ml Phosphinothricin (PPT) Stock Solution

1. Weigh 0.1 g of phosphinothricin ([Phospinothricin, GoldBio Catalog # P-165](#), [CAS 77182-82-2, mw. = 198.16]).
2. Add 10ml of sterile H₂O. Dissolve completely.
3. Prewet a 0.22 µm syringe filter by drawing through 5-10 ml of sterile H₂O and discard water.
4. Sterilize phosphinothricin (PPT) Stock through the prepared 0.22µm syringe filter.
5. Stock may be kept at -20°C for 1 year.