

Chu's-10 Metal Solution Version 2

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Abstract

Please contact Dr. Steven Wilhelm (wilhelm@utk.edu) for additional information regarding this protocol.

Citation: Dr. Steven Wilhelm Chu's-10 Metal Solution. **protocols.io**

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Protocol

Step 1.

Add 1 L Milli-Q H₂O to a clean media bottle

Step 2.

Add 2.4 g H₃BO₃



REAGENTS

Boric acid BP1681 by [Fisher Scientific](#)

Step 3.

Add 1.4 g MnCl₂*4H₂O



REAGENTS

Manganese chloride 7773-01-5 by [Fisher Scientific](#)

Step 4.

Add 0.4 g ZnCl₂



REAGENTS

✓ Zinc dichloride by Contributed by users

Step 5.

Add 0.02 g CoCl₂*6H₂O



REAGENTS

✓ Cobaltous chloride hexahydrate by Contributed by users

Step 6.

Add 0.1 mg $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$



REAGENTS

Copper (II) chloride dihydrate 10125-13-0 by [Fisher Scientific](#)