

Inventory of chemicals used in making TAP Medium, Hutner's Trace Elements, and Special K Trace Elements

1. NH_4Cl from EMD, ammonium chloride, A.C.S. grade Lot# TA30BZEMS
2. $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ from Sigma-Aldrich, calcium chloride hydrate, 98%, A.C.S. Reagent
3. $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ from Aldrich, magnesium sulfate 99.99% Batch #08812DE
4. KH_2PO_4 from EMD, potassium phosphate monobasic Suprapur Lot: 46024
5. KOH from Sigma-Aldrich, potassium hydroxide pellets 99.99% semiconductor grade
6. Tris from EMD, OmniPur Tris(Hydroxymethyl)Aminomethane Lot#RO70142
7. Glacial Acetic Acid from Fisher, Acetic Acid Glacial, Trace Metal Grade Lot#6107070
8. EDTA- Na_2 from Sigma-Aldrich Ethylenediaminetetraacetic acid disodium salt dihydrate, SigmaUltra ~99% Batch # 016K01591
9. $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ from Sigma, zinc sulfate heptahydrate, 99.999% Batch# 01514HE
10. H_3BO_3 from Aldrich, Boric Acid, 99.99% Batch#12512TE
11. $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ from Aldrich, Manganese (II) chloride tetrahydrate 99.99%
12. $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ from Aldrich, Iron (II) sulfate heptahydrate 99+% A.C.S. Reagent
13. $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ from Aldrich, Cobalt (II) chloride hexahydrate 98% A.C.S. Reagent
14. $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ from Sigma-Aldrich, copper (II) sulfate pentahydrate 99.995%
15. $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ from Aldrich, ammonium molybdate (VI) tetrahydrate A.C.S. Reagent
16. $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ from Fisher, ferric chloride, certified A.C.S.
17. Na_2SeO_3 from Aldrich, sodium selenite 99.999%