

# Crystallization:

0.75g suff. crystals  
25 mL EF.

{ 15 mL Etylalc. in 25 mL EF  
+ boiling chip.  
heat solvent to boil

↓ add suff. crystals  
to solvent.

keep heating until all  
solid dissolves.

↓ add more solvent  
if necessary.  
remove from heat &  
cool to RT.

↓ cool 10 mL Et-Alc.  
in a flask in  
ice bath.

cool crystals also in ice bath.  
until no more crystals  
form.

↓

set up vacuum filtration:

↓ weigh buchner  
funnel + filter  
paper

↓

↓  
pour crystals

pour cold Et. Alc on filter paper to make it stick.

↓ turn vac. on  
add/pour crystals on buchner funnel.

↓ use cold Et. Alc  
to rinse flask  
pour all crystals on funnel

↓ dry crystals - leave  
crystals vac. on.  
check with spatula (should be clean - crystals should not stick).

↓  
weigh buch. funnel + paper + crystals.

↓  
transfer to weighed vial.

↓  
take mpt of pure and make authentic sample.