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Speakers

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LabChemistry_IS2_20160413_Camera2_Seg03.pdf

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Setting: Lab, camera stationary, mild loudness. The audio cracks off at times.

Participants: IS2 (male, wearing a black mic), S1 (female, off screen 0:00), S2 (male, tall, beard, black shirt, has TA written on jacket), S3 (male, off screen, talks when S2 does), S4 (female, dirty blonde hair, ponytail), S5 (female working the camera, off screen) S6 (female, ponytail, black attire), S7 (female, off screen 4:18) S8 (female, off screen 5:35), S9 (female, loose medium length dark hair, 6:05), S10 (female, off screen 6:45), S11 (female off screen around 7:00), S12 (male, off screen 8:03), S13 (short hair, in front of camera, female) S14 (female, wavy hair, half tied up 9:40), S15 (female, black hair, standing next to S14 on her left), S16 (female, black hair, behind S15), S17 (female off screen 13:00), S18 (female, short hair, right in front of camera), S19 (female off camera, 16:00)

0:00

XXX S1: ((incomprehensible))
XXX IS2: no
XXX it's not the product
XXX S1: [huh
XXX IS2 [it's just water.
XXX S1: ok
XXX IS2: yea
XXX S1: the bubbles?
XXX IS2: yea the bubbles just water
XXX don't need to worry about that
XXX and uh uh
XXX so:
XXX you can use spatula to scratch them,
XXX S1: yea=
XXX IS2: =and uh
XXX put water inside them,
XXX and even though you finished the: sixty
XXX you can get more
XXX S1: yea twenty [(five) (.) fifty?
XXX IS2: [just get more
XXX fifty yea
XXX S1: yea=
XXX IS2: =as get- just get as much as possible
XXX you don't need ((audio cracks))
XXX so:
XXX even though: it is sixty and you can use as-
XXX more than sixty

XXX S1: ok
XXX just get (.) [as much (as)-
XXX IS2: [just let it
XXX let it ((audio cracks))
XXX just (.) uh transfer all into the funnel.
XXX S1: ok
XXX ((pause))
XXX S2: it- it feels a little wet
XXX IS2: [ok
XXX S2: [realistically,
XXX um
XXX IS2: still wet=
XXX S2: =yea
XXX S3: ok
XXX IS2: to press them
XXX S2: yea
XXX S3: ok
XXX IS2: [can you press
XXX S2: [I would press them a little bit more
XXX S3: alright
XXX ((pause))
XXX IS2: TA
XXX S2: you have TA as well
XXX IS2: yea I don't know who wrote this
XXX S2: oh ok
XXX IS2: after I got this
XXX from the locker-
XXX [from the locker room
XXX S2: [oh yea
XXX me too
XXX IS2: oh
XXX S2: yea
XXX ((both laugh))
XXX ((pause))
XXX ((IS2 seen walking around))
XXX ((IS2 stops by S4))
XXX IS2: so
XXX if you want let the water dry as fast as possible,
XXX so you can press the funnel,
XXX S4: yea=
XXX IS2: =or just let the vacuum on,
XXX S4: ok
XXX IS2: completely on
XXX S4: completely on
XXX IS2: yea=

XXX S4: =ok open it
XXX IS2: open them.
XXX S4: ok=
XXX IS2: =just here ((starts turning knob))
XXX S4: wow
XXX IS2: you see?
XXX S4: uh-huh ((nods and laughs))
XXX
yea
XXX
thank you
XXX
((IS2 walks away, observing students working))
XXX
((continues walking, behind camera))
XXX IS2: did you hear my voice?
XXX S5: no no I'm listening to a class at the same time
XXX
((both laughs))
XXX
studying and working
XXX
multitask
XXX IS2: yea
XXX
are you listening Chinese?
XXX S5: oh: no
XXX
I- I'm trying to learn
XXX IS2: [alright
XXX S5: [but this is about uh: neural networks,
XXX IS2: so: I- I heard you:
XXX
you- you send in a:
XXX
a- a (.) [from the WeChat ((smartphone app WeChat?))
XXX S5: [oh WeChat
XXX
yea=
XXX IS2: =they say: uh
XXX S5: gege
XXX IS2: uh- l-
XXX
((speaks Chinese from 2:19-20))
XXX S5: right right
XXX
((both laugh))
XXX IS2: who lea- who- who- who- who taught you,
XXX
about-
XXX S5: I have a:
XXX
I have like an application
XXX IS2: oh A P P ,
XXX S5: um:
XXX
no it's called Chinese skill,
XXX
like with a little panda,
XXX IS2: oh Chinese skill
XXX S5: yea
XXX IS2: oh ok=
XXX S5: =it's pretty good

XXX ((IS2 laughs))
XXX but it's hard to remember
XXX IS2: ah yea yea
XXX S5: and I'm kind of shy because of the tones
XXX I'm always scared to get them wrong
XXX so I do- I don't (.) its stu- yea
XXX IS2: but y- y- you have lots of Chinese in your-
XXX in your department
XXX S5: [um
XXX IS2: [I think s-
XXX no?
XXX S5: no there's only one person in [my department
XXX IS2: [>only one?<
XXX S5: yea
XXX IS2: really?!
XXX S5: yea
XXX oh wait I think she ha-
XXX IS2: oh sorry
XXX S6: no it's fine (.) um
XXX her-
XXX her vacuum is just not working
3:00
XXX [and I switched out the ((incomprehensible))
XXX IS2: [vacuum?
XXX w- wh-
XXX ((IS2 seen being led by S6))
XXX S6: and it's still not working
XXX ((unusable data for 7 seconds,
XXX too many voices not enough visual))
XXX I think it's just not working
XXX (I don't know how to fix it)
XXX ((unusable data from 3:14-2:29))
XXX ((S6 walks away))
XXX IS2: did you put in weighing paper?
XXX yes right?
XXX ((inaudible response from student))
XXX ((pause))
4:10
XXX oh ok
XXX uh:
XXX put the: uh:
XXX filter paper on top already right?
XXX so: are you trying to press them?
XXX S7: yea:=
XXX IS2: =but still no water on- out?

XXX S7: not too much
XXX IS2: not too much?
XXX S7: yea
XXX ((pause))
XXX oh you stop (.) right here
XXX you want to separate in two parts?
XXX S7: ok
XXX IS2: oh I: why- why still have here?
XXX S7: um well because it was so filled I couldn't like
XXX put it in cus it wasn't really ((incomprehensible))=
XXX IS2: =uh you want to:
XXX uh dry them first, and then [do- do next part,
XXX S7: [yea
XXX mhm
XXX IS2: ok
XXX S7: (cause it was like so high)
XXX IS2: yea yea yea I know
XXX so yea um (.2)
XXX oh
XXX ((pause))
XXX here
XXX ((pause))
XXX S7: starting to drip
XXX (.3)
XXX should be working
XXX just press them.
XXX press them, (.2)
XXX press (.2)
XXX S7: [((incomprehensible))
XXX IS2: [don't- don't
XXX don't rotate them
XXX just (.) you know
XXX press them
XXX S7: press it (like that?)=
XXX IS2: =yea just press them
XXX don't rotate like this- like this
XXX S7: ok (.2)
XXX I need a new one of these
XXX S8: I got one
XXX S7: really?=
XXX S8: =yea
XXX S7: ((incomprehensible))
XXX IS2: yea I- I think you can use a (.) beaker to: press them
XXX S7: ok
XXX IS2: yea

XXX ((pause))
XXX you see?
XXX good
XXX S7: yea
XXX thank you
XXX IS2: yea
XXX ((pause))
XXX so uh:
XXX ((pause))
XXX hi uh
XXX S9: hello
XXX IS2: uh: grease (.) grease them.
XXX grease the: condenser, ((audio cracks))
XXX just (.) make sure they are
XXX you know
XXX S9: yea
XXX IS2: join compl- uh tightly,
XXX S9: mhm
XXX IS2: uh-huh
XXX S9: ok
XXX IS2: yea
XXX S9: ((incomprehensible)) right?
XXX IS2: yea
XXX ((pause, walks around))
XXX ((disappears off camera))
XXX do you use- ah you use (.) beaker to press them already?
XXX S10: huh?
XXX IS2: did you pres-
XXX did you press them (.) with a beaker?
XXX S10: yea I did [((incomprehensible))
XXX IS2: [already did?
XXX did you feel it is dry?
XXX ((pause))
XXX yep
XXX S11: um:
XXX I just wanna make sure
XXX IS2: uh you have toluene inside your:
XXX S11: yea
XXX IS2: uh-huh
XXX S11: so
XXX IS2: you have
XXX S11: that goes to variac.
XXX IS2: and you need a stirrer?
XXX S11: [(yea the stirrer)
XXX IS2: [not this one

XXX uh:
 XXX it should be inside
 XXX S11: (uh no that's the stirrer)
 XXX IS2: this one?
 XXX S11: yea
 XXX IS2: ok (just this one)?
 XXX S11: yea it says stirrer on it
 XXX ((unusable data until 7:58))
 XXX IS2: dry?
 XXX S12: ((incomprehensible)) put it in here
 XXX IS2: did you weigh them?
 XXX S12: yea I weighed this.
 XXX do I have to-
 XXX IS2: mhm
 XXX ((pause))
 XXX oh you have the:
 XXX S12: [yea
 XXX IS2: [hot plate.
 XXX S12: yea=
 XXX IS2: =yea
 XXX and also you have the stir plate (.2)
 XXX and this is stir plate.
 XXX and also you need a: variac to:
 XXX **yea just this- you can directly connect- connect this↑**
 XXX here,
 XXX and for the- f- for that one
 XXX for the hot plate you need a variac
 XXX S12: ok
 XXX IS2: so what do you call this?
 XXX S12: outlet,
 XXX IS2: outlet
 XXX S12: yep
 XXX ((pause))
 XXX ((IS2 seen walking around on camera, checking students))
 XXX ((stops and looks at S13's work))
 XXX S6: ((looks at S13's work too))
 XXX her's is pretty dry (.) to begin with ((walks away))
 XXX ((IS2 walks away and stands next to S6))
 XXX IS2: oh
 XXX so:
 XXX can you help me to write all the names who are
 XXX absent for,-
 XXX S6: oh yea I was gonna write [them before
 XXX IS2: [and then I can- I can ask them
 XXX S6: yea=

XXX IS2: =for: ((S6 walks away))
 XXX which cla- which lab session°
 XXX ((IS2 walks around))
 XXX S14: um excuse me?
 XXX IS2: yea
 XXX S14: um I plug this, (.)
 XXX in here
 XXX right? ((pointing into workspace))
 XXX IS2: uh:
 XXX S14: the- the mantle goes in the variac
 XXX and then
 XXX IS2: yea
 XXX and this directly to the outlet
 XXX S14: ok
 XXX IS2: [yea
 XXX S14: [and what should I keep this on?
 XXX IS2: keep this on?
 XXX [just-
 XXX S14: [yea like
 XXX **to low↑ or something?**
 XXX or ((not continuing speaking))
 CLF IS2: so
 CLF this- this one makes it a stirrer,
 CLF right?
 CLF and this one make it heating
 CLF so for here you just let it on,
 CLF because this-
 CLF ((pause))
 CLF so (.) after it is heating,
 XXX S14: mhm
 XXX IS2: uh:
 CLF your solid will (.) dissolve
 CLF and you will see the stir bar will stir
 CLF because (.) the stir bar is trapped in the- in the- in the
 CLF solid
 CLF so it won't stir very you know=
 XXX S14: =mhm
 CLF IS2: uh: you know uh: how to say
 CLF you cannot see the- it is stir
 CLF once it is
 CLF once the:
 CLF once the solid is complete dissolved on a heating,
 CLF the stir bar will stir
 CLF [so
 XXX S14: [ok

XXX IS2: if it is not stir just let it
XXX you know
XXX uh
XXX you can l- increase (.) here.
XXX S14: ok=
XXX IS2: =yea
XXX S14: I'll just do that then
XXX S15: so how- what setting should this be on?
XXX IS2: oh just leave it in the middle,
XXX yea (.) bu:t
XXX S15: you don't-
COM IS2: but you cannot see it is stir right?
XXX S15: what?
XXX IS2: uh:
XXX so
XXX you need to control here
XXX let the stir bar stir
XXX this is a stir plate right?
XXX S15: mhm
XXX IS2: but uh
XXX so even though y- you are here
XXX even though y- you put in the maximum (volume,)
XXX S15: yea
XXX IS2: you cannot see the stir
XXX S15: [yea
XXX IS2: [because (.) the stir bar inside the solid.
XXX S15: yea
XXX so once the solid is dissolved↑ on the heating,
XXX so
XXX you can adjust here
XXX to make it stir you know
XXX not- not very strongly,
XXX S15: [yea
XXX IS2: [just
XXX yea
XXX S15: ok
XXX IS2: ju- let it
XXX just wait until the solid (.1) uh: dissolved
XXX S15: wait an hour.
XXX IS2: wait- just wait- no wait hour
XXX so
XXX maybe fifty minutes
XXX so:
XXX on the heating,
XXX the solid will completely dissolved

XXX then you- you will see the stir bar will stir
 XXX S15: [yea
 XXX IS2: [so
 XXX after: it is- it becomes a clear solution
 XXX if- if the stir bar didn't stir
 XXX so: just
 XXX uh adjust here.
 XXX ((S15 nods))
 XXX let it stir
 XXX S15: but in total it's still an hour right?
 XXX IS2: yea in total it's still an hour yea.
 XXX mhm°
 XXX S15: [so
 XXX IS2: [did you put the water on?
 XXX S15: yea
 XXX [ah:
 XXX IS2: [ok sorry
 XXX S15: should I make it stronger?
 XXX IS2: >no no no<
 XXX ((incomprehensible)) it's fine
 XXX it's good
 XXX S15: u:m
 XXX IS2: yea just
 XXX let- [so
 XXX S15: [so:
 XXX IS2: right now you need to wait
 XXX S15: [yea
 XXX IS2: [until the: solution becomes very clear
 XXX which means the solid will dissolve in the- in the- in the
 XXX toluene.
 XXX S15: mhm
 XXX IS2: then (.) if you cannot see the stir bar stir
 XXX adjust here
 XXX ma- ma- make- uh:
 XXX just make sure the stir bar is stirring
 XXX ((S16 nods))
 XXX ((incomprehensible, audio going blank))
 XXX after one hour you are done.
 XXX S15: ok
 XXX IS2: yea°
 XXX ((walks further in))
 XXX it's good?
 XXX S16: um: yea
 XXX I put in the rest
 XXX IS2: oh you fi- oh you don't- (.2)

XXX oh you finish one in one portion?
 XXX S16: y:es=
 XXX IS2: =you don't separate in two parts?
 XXX ok is- it's good?
 XXX ok
 XXX so just (.) press them
 XXX uh:
 XXX as much as you can j-
 XXX ((audio cracks, incomprehensible))
 XXX ((IS2 walks away))
 XXX ((pause))
 XXX S17: can I take this off?=
 XXX IS2: you have two parts?
 XXX S17: huh?
 XXX IS2: oh you finished them (.) in one?
 XXX in one funnel?=
 XXX S17: =yea I didn't do the two part I'm like
 XXX IS2: [yea
 XXX S17: [that takes too- so long
 XXX so I just increased the vacuum thing
 XXX IS2: oh you put the: (.1) beak-
 XXX S17: yea
 XXX I already put the beaker on top
 XXX IS2: ok
 XXX S17: taking it out now
 XXX IS2: did you press them fo:r five minutes?
 XXX S17: uh-huh=
 XXX IS2: =more than five minutes (.) [should be ok
 XXX S17: [five minutes
 XXX oh should I do more?
 XXX IS2: yea sure
 XXX definite((ly))
 XXX why not,
 XXX S17: [oh
 XXX IS2: [because
 XXX still
 XXX if it is not dry you need (.) just-
 XXX S17: should I mix it (.) first?
 XXX or (.) just leave it that
 XXX and press the beak- with the beaker
 XXX IS2: yea y- you can- you can uh:
 XXX S17: [stir a little
 XXX IS2: [stir them
 XXX ((audio cuts off for a second))
 XXX you are:

XXX S17: filter paper=
XXX IS2: =filter paper,
XXX just make sure (.1) it's dry°
XXX ((pause))
XXX why- why- why- why do you use the larger
XXX you know
XXX glove?
XXX S6: huh?
XXX IS2: why do you choose-
XXX why not choose a (.) glove that fit for you?
XXX S6: because I was in a hurry ((laughs))
XXX so I just chose whatever
XXX IS2: ((chuckle))
XXX ah change another one
XXX S6: yea yea
XXX IS2: (.3) ██████████
XXX S2 what's up
XXX ((walking, see's S6, S6 walks up to IS2 and S18))
XXX S6: I'm just getting everyone's thing=
XXX S2: =oh she's absent=
XXX IS2: =and also we have several students (.) absent today
XXX right?
XXX S6: yea=
XXX IS2: =more than one
XXX S6: ██████████- ██████████ is absent:
XXX S2: but ██████████'s been absent already=
XXX S6: =oh he
XXX oh I forgot to write his name (.) down
XXX um ██████████
XXX where is he?
XXX S2: he's been absent-
XXX S6: ██████████
XXX he's been absent more than once=
XXX IS2: =oh ok
XXX yea
XXX S2: [((incomprehensible))
XXX ((pause as S6 writes stuff down))
XXX ██████████ (.) [had a farm
XXX ((singing Old Mcdonald's))
XXX S6: [had a farm
XXX e i e i o
XXX S2: e i e i o ((chuckle))
XXX ((S6 smiles))
XXX IS2: ((laughs))
XXX S2: alright

XXX ((walks away))
XXX ((S6 still writing))
XXX IS2: mhm
XXX S2: I'm just asking everyone
XXX IS2: ok so
XXX >by the way<
XXX if you can write the: [which lab session
XXX S6: [yea
XXX yea=
XXX IS2: =oh!
XXX S6: (I write that)
XXX IS2: thank you
XXX ((walks away, examines student's work))
15:00
XXX ((walks over to S18))
15:31
XXX hey it's dry
XXX S18: it's good?
XXX IS2: good
XXX pretty good
XXX S18: ok
XXX IS2: let me feel
XXX ((reaches into hood))
XXX yea
XXX good
XXX S18: yea
XXX ((IS2 walks away, off screen))
XXX IS2: how are you doing?
XXX S19: ((incomprehensible))=
XXX IS2: =just get them out
XXX don't need to you know: (.)
XXX from the side then >to the middle<
XXX yea just
XXX ((pause))
XXX what's your major by the way?
XXX S19: biochemistry
XXX IS2: ((incomprehensible))
XXX oh
XXX you wanna: (.) you wanna
XXX apply for: medical school?
XXX S19: for what?
XXX IS2: medical school=
XXX S19: =no
XXX IS2: just biochemistry.
XXX S19: yea

INT IS2: why are you trying-
INT wh- wh- uh why you-
XXX S19: because I want to study food quality and safety in my
XXX graduate school
XXX IS2: oh w- w- w- what- what?
XXX S19: food safety and quality
XXX [but every school don't have this major so I just-
XXX IS2: [oh: it's the (.) food quality
XXX S19: yea
XXX IS2: ok
XXX why- why- why don't you choose the drug?
XXX drug quality
XXX S19: drug quality?
XXX IS2: yea
XXX S19: it's not (.) it's not really link
XXX IS2: yea I mean food and drug you know the-
XXX the same thing
XXX S19: I don't think so? ((laughs))
XXX IS2: you know
XXX most of them need quality control
XXX right?
XXX and th- beside the-
XXX the: drug has: higher (.) quality control than the food
XXX S19: maybe ((laughs))
XXX ((pause))
XXX IS2: biochemistry
XXX ok
XXX S19: yea
XXX [(that's my major) ((laughs))
XXX IS2: [I think-
XXX I think probably you need
XXX uh:
XXX did you take some (.) you know
XXX medical courses like physiology or something?
XXX I think it is related
XXX S19: mhm=
XXX IS2: =if you want to get (.3)
XXX are you- are you senior?
XXX or:
XXX S19: I'm a sophomore
XXX IS2: oh sophomore
XXX oh you still have a lot of time to-
XXX S19: yea yea yea
XXX IS2: to learn
XXX S19: ((laughs))

XXX IS2: ((laughs))
XXX ((pause))
XXX ((IS2 seen walking around))
18:00
XXX ((approaches S9))
XXX S9: um (.) is that clear enough?
XXX or you have to (.) keep going
XXX IS2: ((looks))
XXX yea just let it ((hand gestures upward))
XXX you know
XXX [boiling
XXX S9: [go?
XXX ok
XXX oh boil
XXX ok=
XXX IS2: =yea°
XXX ((walks away))
XXX ((pause until 19:00))
XXX you don't need to scratch slowly just-
XXX ((audio cuts out for a moment))
XXX S20: scratch the: [paper
XXX IS2: [sand paper?
XXX oh it's (.) deep inside.
XXX S20: ok
XXX IS2: oh you got the scratch paper.
XXX I mean (scratch free) is-
XXX I can see the scratch paper
XXX oh sorry
XXX I can see the filter paper (.3)
XXX yea (.3)
XXX ah it sh-
XXX it is dry.
XXX right?
XXX S20: I don't think so
XXX IS2: it is not dry?
XXX S20: not (.) not completely
XXX IS2: oh ok (.1)
XXX near dry
XXX S20: hm?
XXX IS2: it's lear dry ((near sounds like lear))
XXX S20: it's- it's what dry?
XXX IS2: I mean:
XXX near to the dry
XXX S20: yea
XXX ((pause))

XXX IS2: uh: you can- you know
XXX just (.) use the paper towel to-
XXX ((audio cuts off for a second))
XXX S20: right
XXX that's what I'm gonna do
XXX ((pause))
XXX S21: excuse me
XXX ((incomprehensible))
XXX IS2: ok
XXX don't let it dry
XXX (just) press them
XXX S21: well I mean- that's what they said
XXX I pressed them is that alright
XXX they said they wanted to check it first.
XXX IS2: [ok
XXX S6: [no you're good yea
XXX this is what I have so far=
XXX IS2: =all of them?
XXX S6: yea (.1)
XXX there's nine people
XXX IS2: ok
XXX I just (.) send them into the Dr. Chen?
XXX S6: I guess [I don't know
XXX IS2: [ok
XXX S6: you wanted it to be [((incomprehensible))
XXX IS2: [thank you,
XXX ((pause))
XXX S6: (do you know) who graded this?
XXX IS2: no I don't know
XXX S6: because I just got it
XXX it- do- cause [she wasn't-
XXX IS2: [I think I-
XXX S6: she was absent
XXX so does she- she doesn't get points off
XXX so how do you write that?
XXX IS2: uh:
XXX I think probably after we got this we just (.) give to the
XXX Dr. Chen
XXX S6: ok=
21:00
XXX IS2: =and then
XXX they will give to the: TA=
XXX S6: =ok
XXX IS2: who-
XXX S6: I'll just give it to Dr. Chen

XXX cause we have two people like that
XXX IS2: oh two people?
XXX S6: yea
XXX who- and they weren't here last week
XXX IS2: ok
XXX S22: is this enough?
XXX S6: yea!
XXX how did ((incomprehensible))
XXX S22: yea yea yea I have- I have it already
XXX IS2: ((yawns))
XXX ((pause)) ((no dialogue until 22:55))
XXX no it's fine
XXX just get a: (preweighed) rbf
XXX one hundred mil (.1)
XXX yea sorry
XXX ((sounds like he's going to help someone else))
XXX S23: ((incomprehensible)) everything here,=
XXX IS2: =yep
XXX S23: I didn't (.) really um:
XXX ((incomprehensible)) all the liquid I think
XXX cause I just pour everything here,
XXX but I feel like I didn't like
XXX IS2: did you (.) save (.) any (.)
XXX you wanna save?
XXX save a little bit?
XXX S23: no [((incomprehensible))
XXX IS2: [oh sorry
XXX S23: I mean- do I need to save a little?
XXX IS2: >no no no<
XXX you don't need to
XXX ((audio cracks, incomprehensible))
XXX I didn't (.) get rid of all the liquid,
XXX ((audio cracks, incomprehensible))
XXX the paper was a little bit like (.) dust,
XXX IS2: oh:
XXX you feel like uh you have [some (.) liquid inside.
XXX S23: [yea
XXX IS2: ah- water inside this
XXX S23: a little bit
XXX ((audio cracks))
XXX IS2: as long as you know
XXX S23: like-
XXX IS2: one hundred five percent dry
XXX even though you have fif- five percent
XXX a little bit

XXX you know
XXX water inside this,
XXX I think uh
XXX I- I did this reaction so: last semester.
XXX even though it is not quite- complete dry
XXX it doesn't matter.
XXX S23: it was like-
XXX ((incomprehensible))- get rid of the liquid
XXX in this filter paper?
XXX he was pressing it and like
XXX IS2: I don't think so
XXX S23: ok so-
XXX IS2: [yea
XXX S23: [(I think it's) good=
XXX IS2: =yea that's good
XXX it's pretty good
XXX S23: ok
XXX ((pause))
XXX ((IS2 seen walking around, then goes off camera again))
XXX IS2: done?
XXX S6: my hands keep getting wet,
XXX cause I keep touching it,
25:00
XXX IS2: w- w- w- w- what thing do you touch?=
XXX S6: =oh it's just the
XXX the product
XXX IS2: why- just wear the glove
XXX S6: I don't know
XXX I'm holding it- no!
XXX I- I- I'm not touching it on purpose
XXX it's like by accident
XXX ((pause))
XXX IS2: oh you feel pain?
XXX S6: >no no no< I said it's lidocaine
XXX IS2: oh lidocaine
XXX ah- lidocaine-
XXX I don't think so
XXX [it's the first-
XXX S6: [it's not lidocaine yet
XXX IS2: yea yea
XXX S6: [this is like the reactor right?
XXX IS2: [it's just uh (intermediate) right?
XXX S6: wait no!
XXX (next week they just) purify it. right?
XXX IS2: yea after you finish the first two steps

XXX that is lidocaine.
 XXX but it say you- you tach ((attach)) the:
 XXX the me-
 XXX S6: before the reflux=
 XXX IS2: =the- the white one right?
 XXX S6: [yea before the reflux
 XXX IS2: [>yea yea yea<
 XXX it's not that good yea°
 XXX ((pause)) ((seen walking around, stops at S14))
 XXX S14: It's so wet
 XXX I don't-
 XXX IS2: just get the dry part
 XXX S14: huh?
 XXX IS2: if-
 XXX if it is dry and it is sticks-
 XXX stucks (.) on the- >on the paper,<
 XXX S14: uh-huh
 XXX IS2: don't use them
 XXX S14: ok gotcha
 XXX IS2 ((IS2 walks away))
 XXX ((walks back))
 XXX ok
 XXX S14: yea
 XXX ((incomprehensible))
 INT IS2: s- ok
 INT can I: ask you one question?
 XXX S14: yea
 INT IS2: so (.) if you:
 INT so
 INT how- how- how do you use English to describe this reaction?
 INT (.2)
 INT (not this one)
 INT do you know what I mean?
 INT [so
 XXX S14: [that's
 CLF IS2: if [I-
 XXX S14: [tightening it up?
 CLF IS2: tight it up
 XXX S14: yea
 CLF IS2: just tied it up? ((making tying motion)) right?
 27:00
 XXX S14: yea
 CLF IS2: [tight-
 XXX S14: [tighten it
 CLF IS2: [tight-

XXX S14: [tighten ((emphasizing each syllable))
 CLF IS2: tighten it
 XXX S14: yes [tighten it-
 CLF IS2: [tighten it up
 xxx ((These codes aren't really miscommunications but I
 xxx thought this exchange was interesting))
 XXX S14: ((nodding)) uh-huh
 XXX tighten it
 XXX just make sure it's tight y- you know [you tell
 XXX IS2: [ah-
 XXX S14: [yea
 XXX IS2: [tighten is a verb
 XXX S14: mhm
 XXX IS2: right?
 XXX ok
 XXX tighten ((slightly cut off))
 XXX S14: ((laughs))
 XXX ((audio cuts off))
 XXX IS2: you are my English teacher
 XXX ((both laughs))
 XXX ((S14 walks away))
 XXX hello
 XXX how's everything go?
 XXX S24: (I mean) ((laughing))
 XXX IS2: what are you doing?
 XXX S24: I got a paper towel=
 XXX IS2: =w- why did-
 XXX you want this (is) dry?
 XXX S24: yea: [and then I got it stuck
 XXX IS2: [ah
 XXX you got the stuck
 XXX S24: yea
 XXX IS2: congratulations
 XXX S24: thank you ((slightly laughing))
 XXX IS2: yea
 XXX did you get the stir bar, and the:
 XXX hot plate, [from the stockroom?
 XXX S24: [no
 XXX not yet
 XXX go do it?=
 XXX IS2: =yea just do that [and just-
 XXX S24: [I can't get it
 XXX IS2: a- after you f- when you do the reflux
 XXX get it out
 XXX ok

XXX because right now i- do you- ah- you need this right?
XXX S24: yea:=
XXX IS2: =for here right?
XXX S24: yea
XXX ugh
XXX ((pause))
XXX could I use the- the tweezer?
XXX IS2: yea
XXX tweezer
XXX ((pause))
XXX S24: does it reach?
XXX it's too short
XXX ((pause))
XXX ((audio very crackly))
XXX ((unusable data until 28:33))
XXX IS2:hot plate↑ and a stir bar.
XXX just tell [them
XXX S24: [stir bar ok
XXX (thank you)
XXX IS2: yea
XXX ((pause))
XXX S2: excuse me?
XXX IS2: huh?
XXX S2: here
XXX can you help me?
XXX IS2: yea
XXX ((pause))
XXX S2: it's all the way at the bottom?
XXX IS2: ((laughs))
XXX it is very tight at the bottom
XXX S2: just use it like chopsticks
XXX IS2: yea ((laugh))
XXX S2: [right?
XXX IS2: [do-
XXX yea
XXX S2: oh no they're too short
XXX IS2: chopsticks
XXX S2: do you use chopsticks?
XXX IS2: yea sure!
XXX I'm Chinese
XXX why=
XXX S2: =oh yea [of course
XXX IS2: [why not
XXX S2: of course
XXX ((both laugh))

XXX IS2: I should ask you this question
XXX S2: what happen?
XXX IS2: I should as you this question
XXX do you use chopsticks?
XXX S2: yea
XXX IS2: (oh you use?)
XXX S2: only when I eat Chinese food
XXX when I eat Chinese food or Korean food I use
XXX chopsticks°
XXX [it's easy
XXX IS2: [yea
XXX I think-
XXX yea it's easier
XXX but (.) yea
XXX ((pause))
XXX oh yay
XXX you got
XXX S2: almost
XXX wait can you hold these?
XXX IS2: yes sure
XXX ((pause))
XXX oh:
XXX S2: aw shit
30:00
XXX IS2: almost=
XXX S24: =yea that was such a dumb ass move
XXX I don't even know what-
XXX like I didn't know what I was thinking if I push it down
XXX it will come back ((laughing))
XXX S2: [do you have a spatula?
XXX IS2: [never come-
XXX S24: yea
XXX IS2: oh
XXX yea you have a-
XXX yea
XXX spatula (.) will work
XXX ((pause))
XXX oh good
XXX S2: yea: I think it's-
XXX IS2: I think you can-
XXX ((pause))
XXX S24: oh my God
XXX ((pause))
XXX we need like chopsticks
XXX I was trying to use those things like chopsticks

XXX S2: we al- yea we already ((audio cuts off))
XXX S24: maybe my pen
XXX the pen
XXX the blue one
XXX [you see it?
XXX IS2: [uh-huh ((sounds like he's rummaging through supplies))
XXX S24: yea
XXX without the cap
XXX IS2: [wanna try?
XXX S24: [maybe my pen would work
XXX IS2: I think-
XXX I don't think it will
XXX ((moans))
XXX you should have a larger: spatular? ((spatula))
XXX S24: is it longer?° ((audio cuts out))
XXX S2: uh
XXX I used this to move it around
XXX it'll take me some time.
XXX IS2: because he- she need this
XXX S2: oh: you need this?
XXX S24: I mean
XXX S2: maybe if you [(stuff it with water)
XXX IS2: [yea you can just borrow from others
XXX S24: yea=
XXX IS2: =so:
XXX when you do the ((incomprehensible)) reflux
XXX S24: yea
XXX IS2: do this
XXX S24: I don't need this anymore right?=
XXX IS2: =yea [yea
XXX S24: [I'll clean (it up)
XXX IS2: yea clean them and the-
XXX ((pause))
XXX S2: shit
XXX S24: ((laughs))
XXX so stupid
XXX S2: can I have the stick again?
XXX ((pause))
XXX S24: I always like (.) [do something
XXX IS2: [this is for you?
XXX S2: yea
XXX I got it ((chuckle))
XXX ((IS2 laughs))
XXX ((pause))
XXX IS2: yea just do this one

XXX that one
 XXX S25: this one?
 XXX yea (.2)
 XXX uh: don't use that one
 XXX S25: ok
 XXX IS2: yea that's [from the stockroom?
 XXX S25: [((incomprehensible))
 XXX IS2: no right?
 XXX S25: no no I was just u- moving this out of the way
 XXX that was there
 XXX IS2: oh you should go (.) to the stockroom
 XXX S25: I have one
 XXX IS2: oh you have one?
 XXX S25: yea
 XXX IS2: ok
 XXX don't use which one?=
 XXX S25: =no no I was just-
 XXX IS2: [and the:
 XXX S25: [I was just moving it out of the way=
 XXX IS2: =this is the hot plate and th- this is stirrer,
 XXX [plate?
 XXX S25: [are you sure?
 XXX cause that one said heat on the side
 XXX IS2: really?
 XXX S25: turn it (.) it says heat
 XXX IS2: is this heat?
 XXX I think this is stirrer
 XXX ((pause))
 XXX S6: what's up?
 XXX IS2: is this stirrer?
 XXX S6: it's heat
 XXX IS2: it's heat?
 XXX S6: yea
 XXX IS2: oh that one?
 XXX S6: [that's the stirrer
 XXX IS2: [oh th- th- that's that.=
 XXX S6: =yea that's the stirrer
 XXX IS2: yea this one
 XXX ((pause))
 XXX ((incomprehensible))
 XXX S6: what?
 XXX IS2: for the >beta carotene?<
 XXX S6: that's this one
 XXX IS2: this one
 XXX ((pause))

XXX S25: so
XXX how fast do I put it? ((chuckle)) (.2)
XXX do I have to put it really fast?
XXX [or just slow°
XXX IS2: [oh yea
XXX but y-
XXX you know
XXX after it is-
XXX after the solid dissolved
XXX so: the stir bar will stir
XXX you know very fr- freely
XXX S25: ok
XXX IS2: yea=
XXX S25: =so [((incomprehensible))
XXX IS2: [because th- the stir bar is trapped in the- in the
XXX solid.
XXX it won't stir
XXX S25: mhm
XXX IS2: you know,
XXX it makes it very hard for them (.) to stir.