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Speakers

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LabChemistry_IS2_20160413_Camera2_Seg06.pdf

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Setting: stationary camera, lab, good audio

Participants: S1 (female, off camera 0:00), S2 (female, off camera, 0:14) S3 (male, off screen 1:50), S4 (female off screen, 2:40) S5 (white male, beard) S6 (female off screen 3:21), S7 (male, off screen 3:57), S8 (male off screen, 4:32), S9 (Male off screen 5:17), S10 (Tall male, short hair, dark, beard), S11 (male, blue attire), S12 (female, off screen 8:57), S13 (male off screen 9:13), S14 (male off screen 9:34)

0:00

XXX S1: oh you should try this method↑
XXX I'm gonna like then repeat the whole research
XXX in like the next month
XXX IS2: ok
XXX ((audio cracks, cannot hear until 0:14))
XXX S2: it says that (.)
XXX you have to find the theoretical yield.
XXX right,
XXX ((pause))
XXX IS2: beta carotene,
XXX S2: no no the ester one
XXX it's- I just- for- it's for next week.
XXX IS2: but it says you have to find the theoretical yield in grams
XXX right?
XXX IS2: uh-huh
XXX S2: so what they do is since the alcohol was the limiting
XXX reagent↓=
XXX IS2: =[yea
XXX S2: [take the number of moles of alcohol=
XXX IS2: =yea
XXX S2: and it's a one to one ratio
XXX IS2: yes
XXX S2: so you find the num-
XXX wait so it's point five
XXX it's gonna be like
XXX point fi- oh five moles of the alcohol right, (.2)
XXX about like
XXX IS2: [yea
XXX S2: [if they use the exact amount right?
XXX IS2: yea=
XXX S2: =but how would you convert from (.) moles↑ (.)
XXX to grams?
CLF IS2: [but we have the molecular weight=

XXX S2: [((unclear))
 XXX =they don't- uh they don't give you the molecular weight of
 XXX the ester.
 CLF IS2: >I think I calculate them<
 XXX S2: how do you calculate the molecular weight [of ester?
 CLF IS2: [yea
 CLF you have the: mol- uh you have the-
 CLF I think they should (.) >draw the molecular-< uh
 CLF I mean structure them,
 CLF and the (.) uh:
 CLF [you know count them
 XXX S2: [can I google it,
 CLF IS2: how much (.) no
 CLF how much carbon,
 CLF how much oxygen,
 CLF how much (.)
 CLF ((audio cracks))
 XXX S2: ok that's (.) cus you need the molecular weight right,
 XXX [((unclear))
 CLF IS2: [yea yea sure
 CLF definitely
 CLF if you want to convert the [moles to the [gram
 XXX S2: [yea
 XXX [yea
 CLF IS2: you need [um molecular weight
 XXX S2: [ok
 XXX that's good°
 XXX ((pause))
 XXX ((IS2 seen walking around, uses phone))
 XXX ((no dialogue 1:18-1:48))
 XXX S3: excuse me,
 XXX IS2: yea?
 XXX S3: my: heating mantle↑ won't (.) unplug (.) (this°)
 XXX ((pause))
 XXX IS2: oh:
 XXX >lemme<
 XXX S3: yea
 XXX ((pause; no dialogue until 2:17))
 XXX IS2: ok so if you are use (.) too much force
 XXX I think think it will- this will
 XXX >you know<
 XXX broke into part
 XXX S3: yea
 XXX IS2: go to the stockroom
 XXX and ask for help ((laughs))

XXX S3: ok
XXX thank you
XXX IS2: because I if I- if I you know mess it up
XXX I need to pay ((laughs))
XXX S3: oh yea
XXX IS2: go to the stockroom
XXX S3: ok
XXX ((walks away))
XXX IS2: any questions?
XXX S4: hm?
XXX IS2: this is (Bethany°)
XXX this is should be done,
XXX S4: yea=
XXX IS2: =before you come to the la:b
XXX S4: I know I know°
XXX IS2 ok,
XXX S4: I know [I just- I didn't
XXX IS2: [this is the last time
XXX ok,
XXX S4: I didn't remember what it looked like
3:00
XXX ((pause))
XXX won't do this next time ok,
XXX S4: ok
XXX ((pause))
XXX ((IS2 seen walking on screen then walks behind students))
XXX S5: what happen
XXX IS2: what happen to you?
XXX S6: ((unclear))
XXX IS2: this is due today right?
XXX S5: [yea
XXX S6: [yea
XXX IS2: it should be finish
XXX S6: I know
XXX IS2: oh you- you-
XXX you- you
XXX S6: we're doing it now ((laughing slightly))
XXX we'll give it to you by the end of the ((laughs))
XXX IS2: ok (.) so:
XXX S5: yea I'm finishing it right now=
XXX IS2: =don't- don't do this next time
XXX ok?
XXX S5: [yea
XXX S6: [yea
XXX IS2: it should be do- d- in- before you (.) come into the lab

XXX S5: alright
XXX IS2: ok
XXX ((IS2 walks away, off screen))
XXX (pause)
XXX IS2: both done?
XXX S7: ((unclear))
XXX IS2: ((laughs))
XXX S7: ((unclear))
XXX IS2: ok
XXX so you can (.) get (it all out),
XXX (>and then<) (.) remove the heating mantle it should be
(.2)
XXX cool fast
XXX ((pause))
XXX ((hear some jumbled voices))
XXX IS2: did you get the: stir bar out?=
XXX S2: =yea I got it out
XXX IS2: ok
XXX S2: (do they have to parafilm it?)
XXX IS2: so according to the manual should be done.
XXX but (.) [I don't think so (.)
XXX S2: [yea but we don't-
XXX IS2: [because-
XXX [we're running out of parafilm
XXX IS2: toluene
XXX I think toluene will dissolve the parafilm
XXX S2: yea tolu-
XXX wait toluene would have dissolved the parafilm
XXX S8: uh no no no no
XXX ester dissolves the parafilm=
XXX S2: =no [toluene would dissolve plastic
XXX IS2: [(toluene) (.) too
XXX yea yea
XXX S8: it's ok either way [((incomprehensible))
XXX IS2: [just (.)
XXX I don't- don't use the parafilm.
XXX S8: (if it's dry enough) ((incomprehensible))
XXX S2: toluene would still dissolve it
XXX S8: it wouldn't cus [((incomprehensible))
XXX S2: [you know what a mess it is,
XXX **if you spill toluene and HF at the same time↑ because you**
XXX can't (.) literally clean-
XXX cus toluene dissolves plastic and HF dissolves glass
XXX and you can't like
XXX IS2: yea

XXX it would dissolve a little bit (.)
 XXX but
 XXX yea
 XXX S2: would be very hard to clean up
 XXX IS2: hm?
 XXX S2: it'd be very hard to clean up if you still had [toluene in
 XXX IS2: [yea
 XXX S8: wow
 XXX I'm never going to look at those chemicals again
 XXX S2: I have: that's why
 XXX ((pause))
 XXX IS2: done?
 XXX oh not done
 XXX IS2: ok
 XXX ((speaks in Chinese))
 XXX S9: ((incomprehensible))
 XXX ((IS2 laughs))
 6:00
 XXX ((speaks Chinese from 5:17-7:30))
 XXX ((pause))
 XXX ((IS2 seen walking around and meets S10))
 XXX IS2: (Adrian) ((grabs S10's arms))
 XXX S10: yes:
 XXX IS2: are you happy?
 XXX S10: movie star°
 XXX yea (I'm happy°)
 XXX IS2: (almost done)
 XXX S10: there's a concert tonight
 XXX IS2: a concert?
 XXX S10: yea
 XXX IS2: art?
 XXX S10: ye- um
 XXX u:m
 XXX IS2: in the Staller:,
 XXX Staller:,
 XXX S10: no not in staller
 XXX in (.) in the: stadium
 XXX IS2: the stadium=
 XXX S10: =there's a big concert yea
 XXX IS2: [ok
 XXX S10: [two- the music artist
 XXX IS2: do you have free food?
 XXX S10: no (.) just [just
 XXX IS2: ((laughs)) [just listen right?
 XXX S10: yea yea yea

XXX exactly
 XXX IS2: are you going too?
 XXX S10: yea yea
 XXX [you need to pay twenty dollars
 XXX IS2: [oh
 XXX oh have to pa:y ((rising/falling intonation on pay))
 XXX S10: yea yea yea
 XXX IS2: no way I won't come
 XXX S10: no way ((laughs)) no way
 XXX ((pause))
 XXX ((IS2 seen walking away from S10))
 XXX ((stops across from S11))
 XXX IS2: uh: did you get the stir bar out?
 XXX S11: huh?
 XXX IS2: stir bar (.) out of the rbf
 XXX ok°
 XXX re- return to the:
 XXX ((IS2 seen walking away from student))
 XXX ((no dialogue 8:22-8:53))
 XXX ((IS2 seen walking to the back, stops at student))
 XXX still wait how much minute (do you need) (.) to wait?
 XXX S12: four?
 XXX IS2: four minutes
 XXX ((IS2 seen walking away))
 9:00
 XXX ((pause))
 XXX done?
 XXX did you get the: stir bar, (.) out of the rbf
 XXX no
 XXX oh you should have.
 XXX S13: ((incomprehensible))
 XXX IS2: yea because
 XXX uh you need to return this,
 XXX and also the stir bar in the rbf (.) to the stockroom
 XXX S13: (I can't get it out)
 INT IS2: uh: I- I- I can help (.) you°
 INT can you help (.1)
 XXX S2: yea=
 XXX IS2: =that guy to get the
 XXX S2: which guy?
 XXX IS2: uh sitting here
 XXX S14 what does that do?
 XXX IS2: huh?
 XXX S14: ((inaudible))
 XXX what are those two sticks for?

XXX IS2: to get the: stir bar out of the (.)
XXX [it's uh just a mag- mag- magnet yea
XXX S14: [(oh: oh the magnet)
XXX ((pause))
XXX S2: here
XXX let's just use a glove
XXX ((no dialogue 9:51-10:25))
XXX IS2: what's the name of that?