

16-06-25

	Mads	Koen	Gra	Jasmin
Chl / car	5.31	5.03	5.35	4.43
Chl a / chl b	6.29	8.20	6.77	2.49
chl concentration	0.17	0.057 0.1	0.07 0.1	0.02

dilution: 5

higher a:b ratios \rightarrow more PSI + LHCI

Fluorescence:

We want low concentration:

- 1) don't damage machine
- 2) no reabsorption by chloroplast

Graphs:

- Abs plant acetone vs. plant not acetone
- Abs model vs. plant (not acetone)
- Fluor. plant vs. model
- Fluor. plant (all)

(pigments vs. emission)

Slide 1:

- Cool weird \rightarrow sucrose / shitty baseline
might be difference in Chl a / chl b
Koen: carotenoid difference

Slide 2

- broader peak, with acetone absorbs more
 \rightarrow all this in same condition

Slide 3:

- red shifted ϕ then AT, now del. from PSI
- first peak from LHCI

Slide 4 & 5: not much