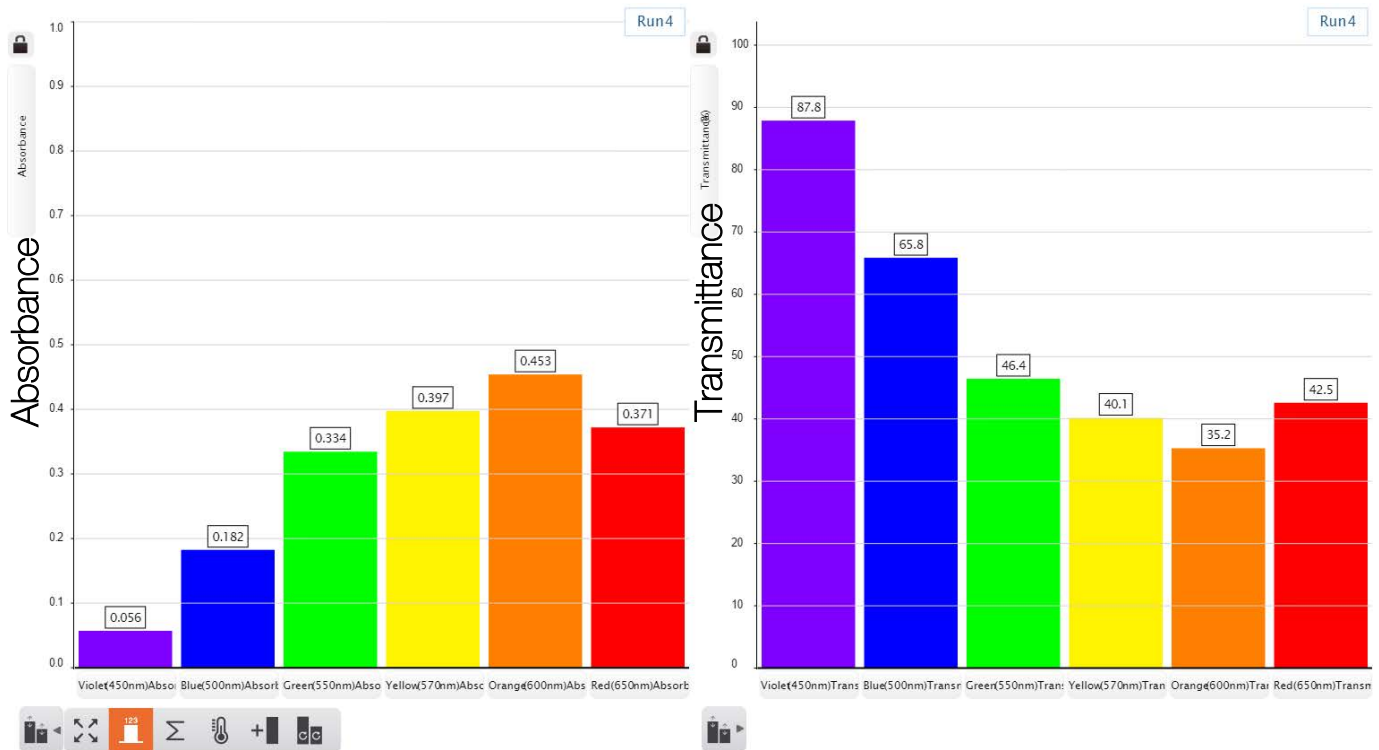
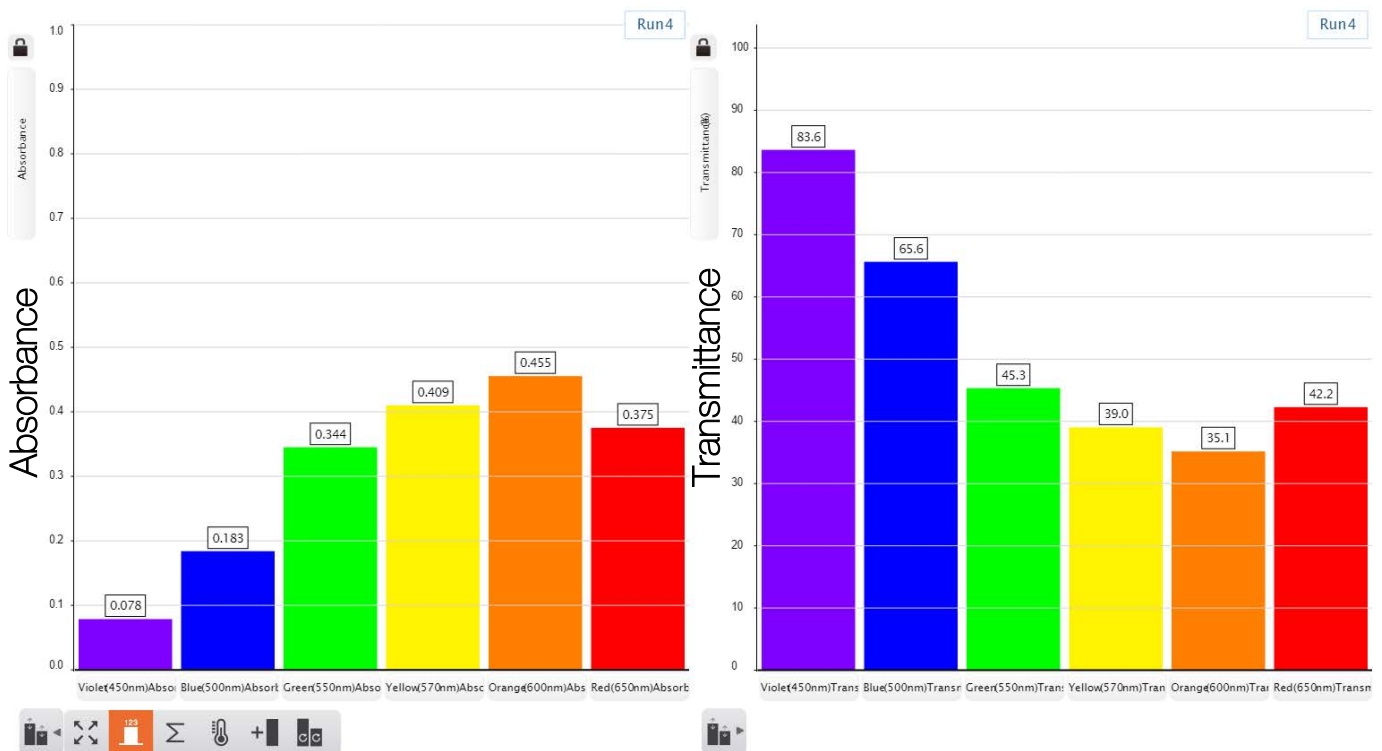


Plant Pigments Part 2: Measuring Photosynthetic Activity with DPIP

Time = 0 min



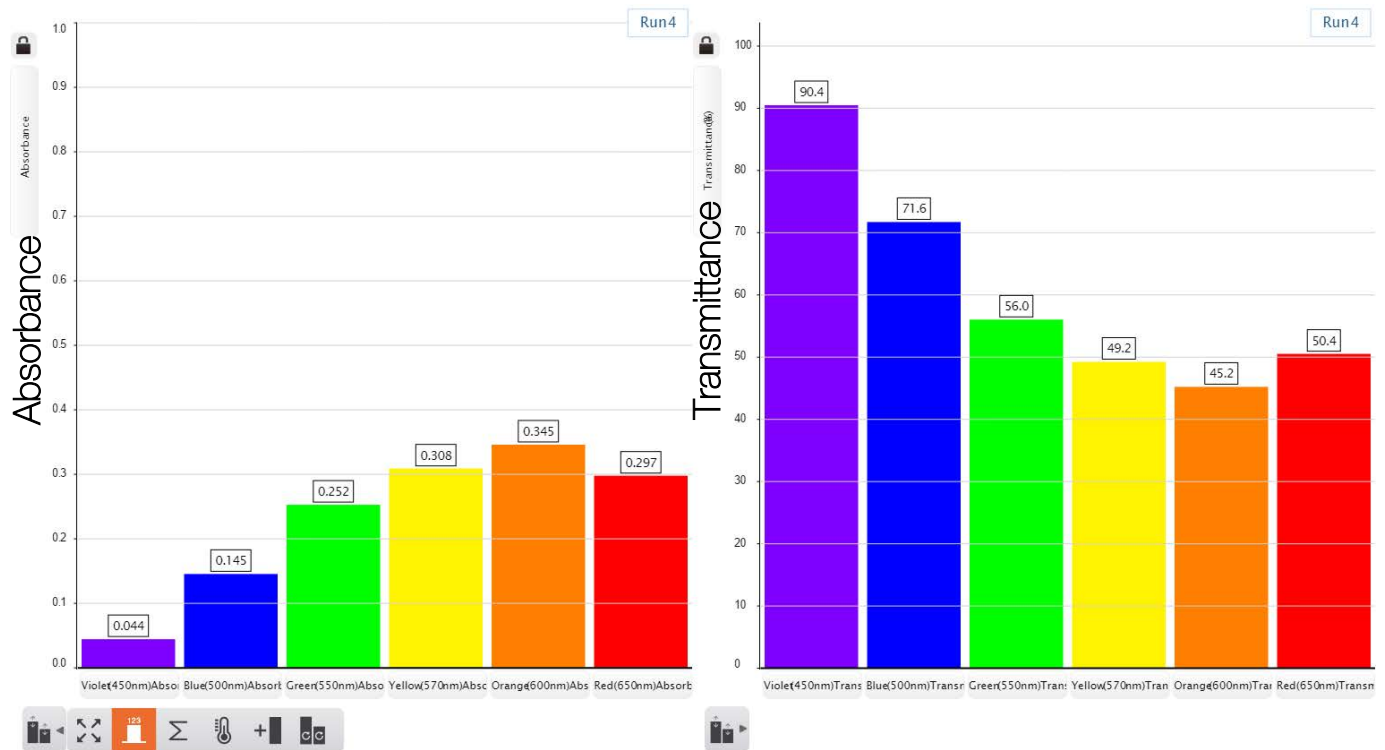
Cuvette 2: In Light



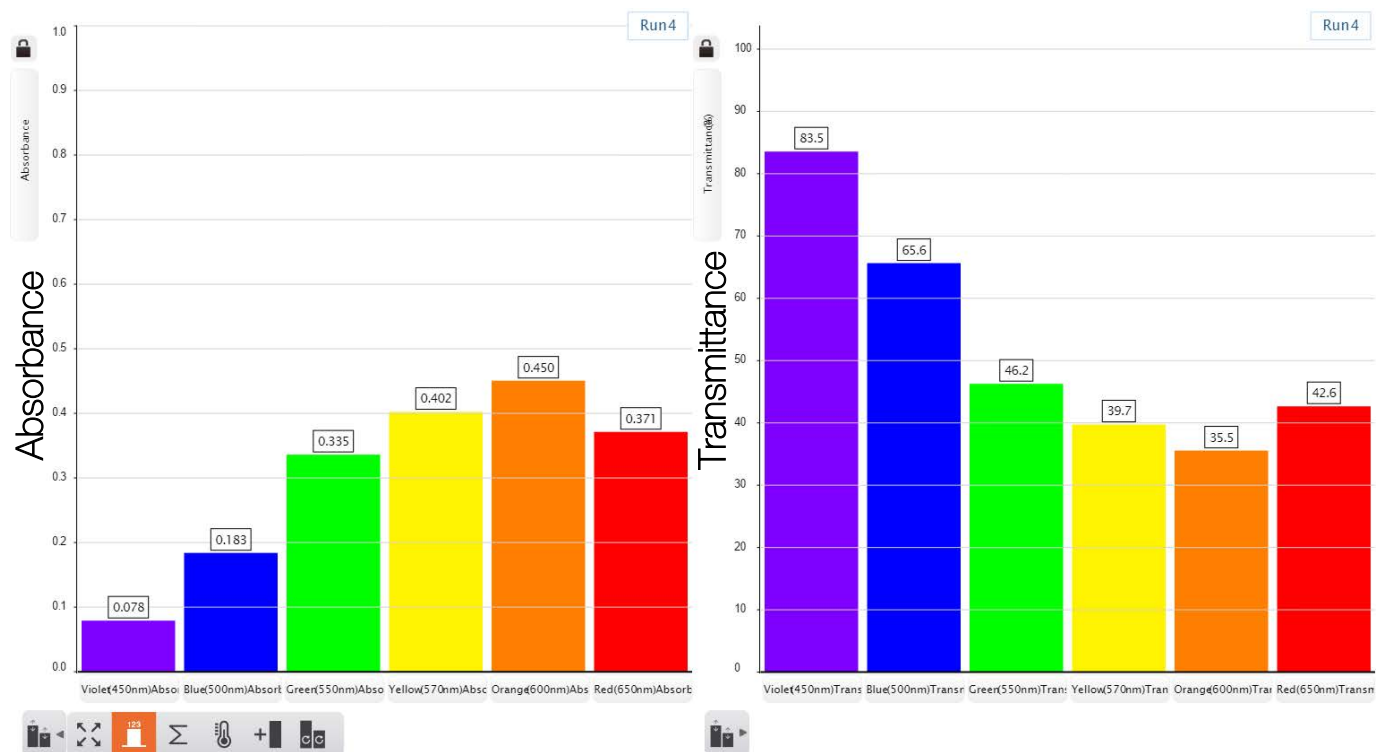
Cuvette 3: In Darkness

Plant Pigments Part 2: Measuring Photosynthetic Activity with DPIP

Time = 5 min



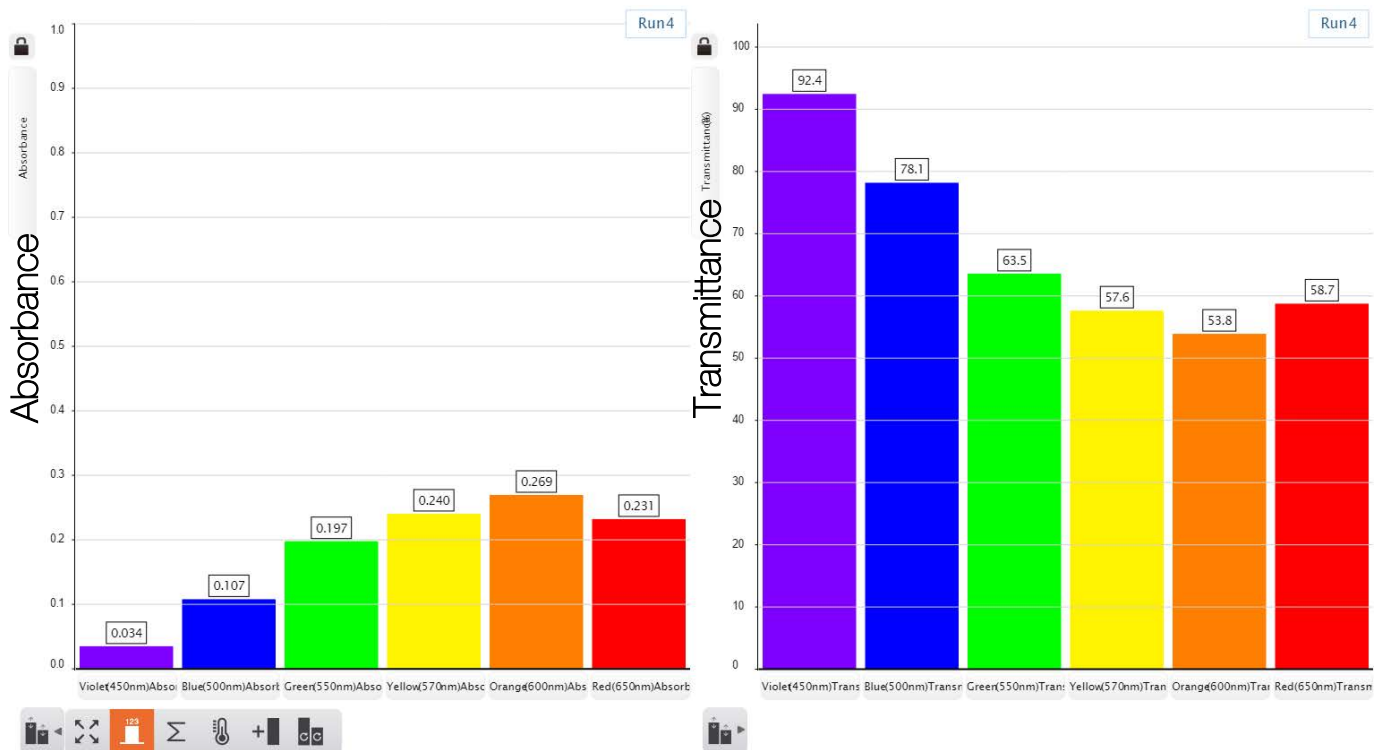
Cuvette 2: In Light



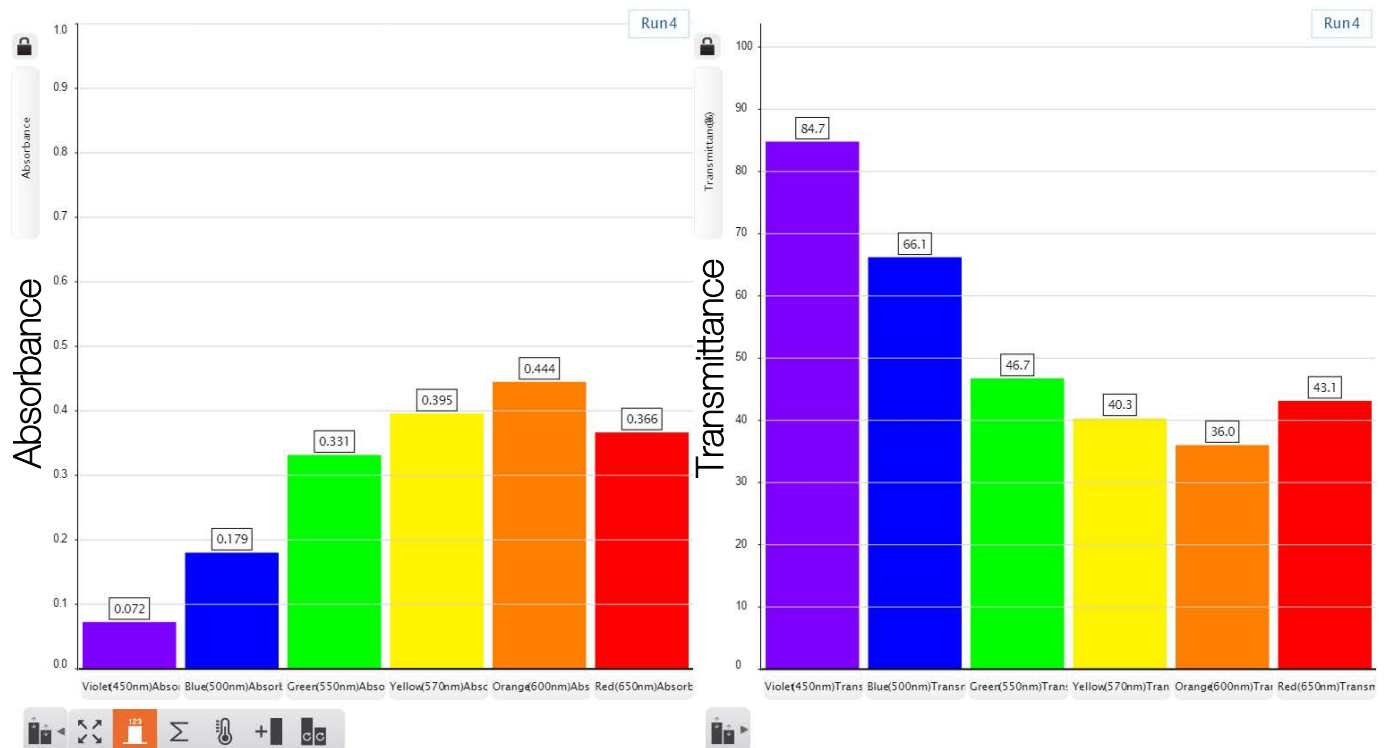
Cuvette 3: In Darkness

Plant Pigments Part 2: Measuring Photosynthetic Activity with DPIP

Time = 10 min



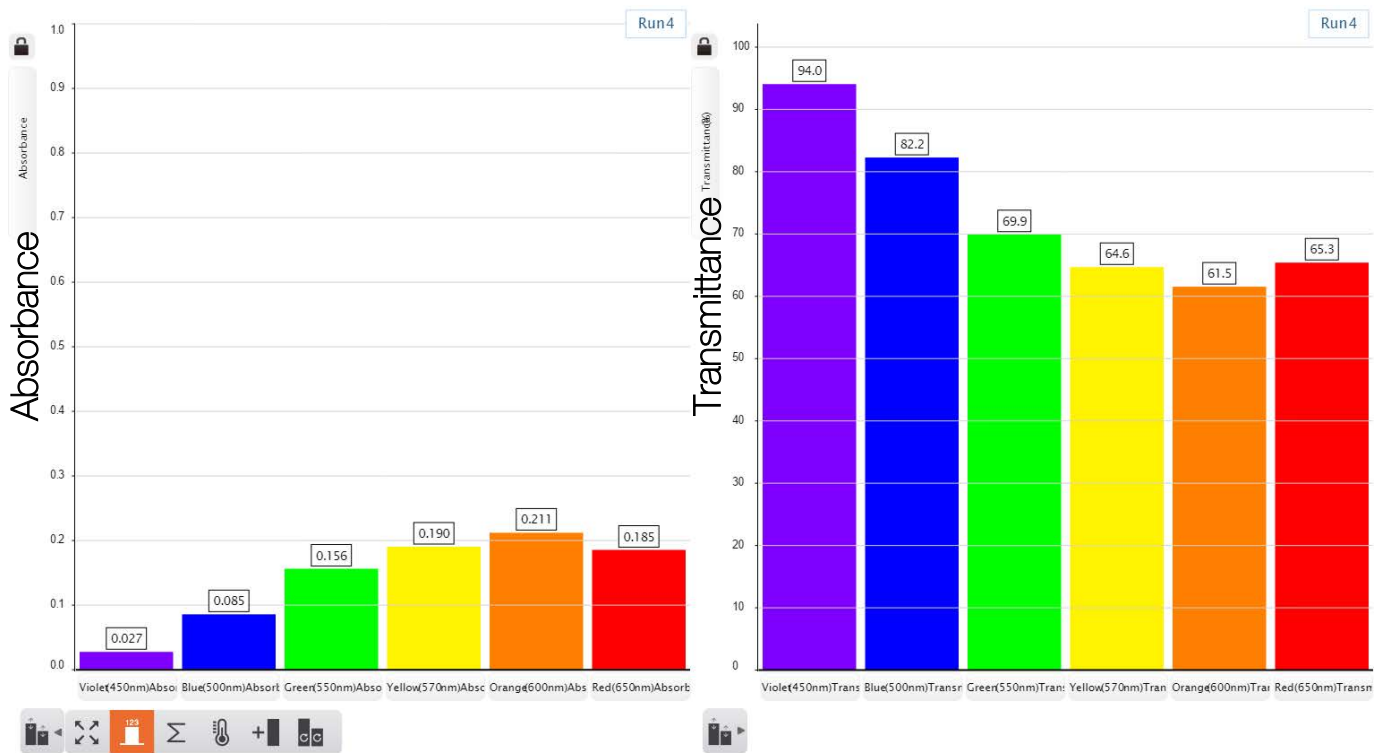
Cuvette 2: In Light



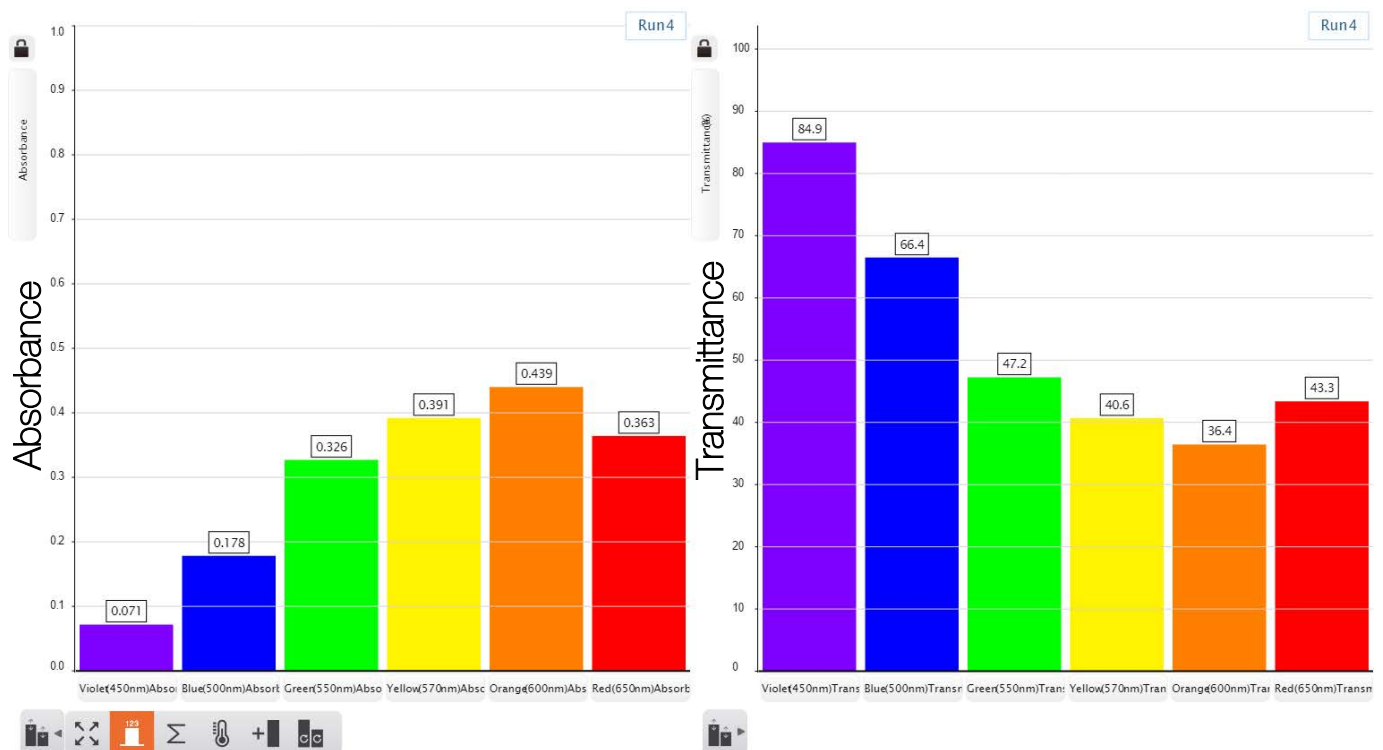
Cuvette 3: In Darkness

Plant Pigments Part 2: Measuring Photosynthetic Activity with DPIP

Time = 15 min



Cuvette 2: In Light



Cuvette 3: In Darkness

Data Summary

Absorbance Values

Cuvette		Time(min)	Violet(450nm)Absorbance	Blue(500nm)Absorbance	Green(550nm)Absorbance	Yellow(570nm)Absorbance	Orange(600nm)Absorbance	Red(650nm)Absorbance
Run6			DPIP	DPIP	DPIP	DPIP	DPIP	DPIP
1	2:Light	0.023	0.052	0.180	0.335	0.397	0.454	0.371
2	3:Dark	0.235	0.079	0.184	0.345	0.410	0.456	0.376
3	2:Light	6.278	0.046	0.145	0.251	0.308	0.346	0.298
4	3:Dark	6.527	0.077	0.184	0.335	0.402	0.450	0.371
5	2:Light	12.180	0.035	0.109	0.197	0.240	0.269	0.232
6	3:Dark	12.403	0.072	0.179	0.331	0.395	0.445	0.366
7	2:Light	18.078	0.026	0.085	0.156	0.190	0.211	0.185
8	3:Dark	18.352	0.074	0.177	0.326	0.391	0.440	0.363

Transmittance Values

Cuvette		Time(min)	Violet(450nm)Transmittance(%)	Blue(500nm)Transmittance(%)	Green(550nm)Transmittance(%)	Yellow(570nm)Transmittance(%)	Orange(600nm)Transmittance(%)	Red(650nm)Transmittance(%)
Run6			DPIP	DPIP	DPIP	DPIP	DPIP	DPIP
1	2:Light	0.023	88.6	66.0	46.3	40.1	35.2	42.5
2	3:Dark	0.235	83.4	65.4	45.1	38.9	35.0	42.1
3	2:Light	6.278	90.0	71.7	56.1	49.2	45.1	50.3
4	3:Dark	6.527	83.7	65.4	46.3	39.6	35.5	42.6
5	2:Light	12.180	92.2	77.8	63.5	57.5	53.8	58.6
6	3:Dark	12.403	84.6	66.2	46.6	40.2	35.9	43.1
7	2:Light	18.078	94.2	82.2	69.8	64.6	61.5	65.4
8	3:Dark	18.352	84.3	66.6	47.2	40.6	36.3	43.4