

Varianta	Opakování	Navážka g	dle vzorce			
			A <sub>662</sub>	A <sub>644</sub>	chl a mg/l	chl b mg/l
Kontrola	1a	0.5041	1.239	0.482	11.6452	4.565982
	1b	0.5041	1.214	0.415	11.46693	3.24669
	2a	0.4976	1.535	0.515	14.50859	3.89664
	2b	0.4976	1.542	0.517	14.5751	3.906942
	3a	0.489	2.075	0.722	19.58702	5.820822
	3b	0.489	2.101	0.734	19.82952	5.957034
	4a	0.445	1.663	0.631	15.6461	5.786856
	4b	0.445	1.658	0.625	15.60312	5.68155
	5a	0.5229	2.075	0.757	19.55237	6.570732
	5b	0.5229	2.081	0.754	19.61404	6.478554
	6a	0.4777	2.482	0.968	23.32557	9.199068
	6b	0.4777	2.498	0.973	23.47716	9.231798
					<b>průměr smodch</b>	
bez N	1a	0.515	1.418	0.514	13.36485	4.419264
	1b	0.515	1.421	0.514	13.3942	4.405314
	2a	0.506	1.29	0.599	12.02835	6.835674
	2b	0.506	1.31	0.612	12.21116	7.021212
	3a	0.5162	0.981	0.398	9.204084	3.965898
	3b	0.5162	0.955	0.377	8.97049	3.636852
	4a	0.4805	1.31	0.447	12.37451	3.485922
	4b	0.4805	1.314	0.445	12.41563	3.42447
	5a	0.5297	1.635	0.578	15.42462	4.781478
	5b	0.5297	1.651	0.582	15.5772	4.792782
	6a	0.5128	1.025	0.398	9.63458	3.761298
	6b	0.5128	1.029	0.406	9.665796	3.914106
					<b>průměr smodch</b>	
bez P	1a	0.525	2.382	0.968	22.34717	9.664068
	1b	0.525	2.395	0.978	22.46446	9.817878
	2a	0.518	2.346	0.872	22.08998	7.774572
	2b	0.518	2.408	0.915	22.65402	8.40759
	3a	0.449	1.217	0.448	11.46361	3.939798
	3b	0.449	1.213	0.443	11.42942	3.851268
	4a	0.5308	2.181	0.816	20.53106	7.341966
	4b	0.5308	2.205	0.838	20.7441	7.701738
	5a	0.504	2.346	0.872	22.08998	7.774572
	5b	0.504	2.37	0.884	22.31292	7.920084
	6a	0.4449	1.644	0.577	15.51367	4.718202
	6b	0.4449	1.632	0.573	15.40022	4.688298
					<b>průměr smodch</b>	
bez Fe	1a	0.5092	0.558	0.211	5.250582	1.926186
	1b	0.5092	0.563	0.216	5.294552	2.010066
	2a	0.5039	0.205	0.079	1.92751	0.739404
	2b	0.5039	0.206	0.081	1.935314	0.777606

3a	0.437	0.438	0.16	4.126992	1.39146
3b	0.437	0.411	0.151	3.871734	1.324176
4a	0.317	0.464	0.173	4.368506	1.549098
4b	0.317	0.459	0.17	4.322556	1.50807
5a	0.3159	0.454	0.162	4.281556	1.359912
5b	0.3159	0.457	0.163	4.309918	1.367388
6a	0.3067	0.815	0.293	7.68389	2.488068
6b	0.3067	0.829	0.297	7.816906	2.508672

**průměr  
smodch**

přepočet

chl a mg/g	chl b mg/g	chl a: chl b
0.577524	0.226442	2.550425297
0.568683	0.161014	3.531882009
0.728928	0.195772	3.723359099
0.73227	0.196289	3.730564211
1.001381	0.297588	3.364992092
1.013779	0.304552	3.328757902
0.878994	0.325104	2.703731007
0.87658	0.319188	2.746279096
0.934804	0.314149	2.975676074
0.937753	0.309742	3.027534231
1.220723	0.481425	2.535644698
1.228656	0.483138	2.543075791
<b>0.892</b>	<b>0.301</b>	<b>3.063</b>
<b>0.206</b>	<b>0.098</b>	<b>0.439</b>
0.648779	0.214527	3.024225753
0.650204	0.21385	3.04046522
0.594286	0.337731	1.759643599
0.603318	0.346898	1.739181213
0.445762	0.192072	2.32080704
0.434448	0.176136	2.466553492
0.643835	0.18137	3.549852808
0.645974	0.178172	3.625561328
0.727988	0.225669	3.225910482
0.73519	0.226203	3.250138229
0.469705	0.183371	2.561504034
0.471226	0.19082	2.469477321
<b>0.589</b>	<b>0.222</b>	<b>2.753</b>
<b>0.103</b>	<b>0.056</b>	<b>0.607</b>
1.064151	0.460194	2.312397636
1.069736	0.467518	2.288117656
1.066119	0.375221	2.841311908
1.093341	0.405772	2.694472732
0.638286	0.219365	2.909694355
0.636382	0.214436	2.967703624
0.966987	0.345797	2.796398676
0.977021	0.362742	2.693431015
1.095733	0.385643	2.841311908
1.106792	0.392861	2.817257999
0.87175	0.265127	3.288046167
0.865375	0.263447	3.284820632
<b>0.954</b>	<b>0.347</b>	<b>2.811</b>
<b>0.162</b>	<b>0.083</b>	<b>0.294</b>
0.257786	0.094569	2.72589563
0.259945	0.098687	2.634018982
0.09563	0.036684	2.606842809
0.096017	0.038579	2.488810529

dle vzorce:

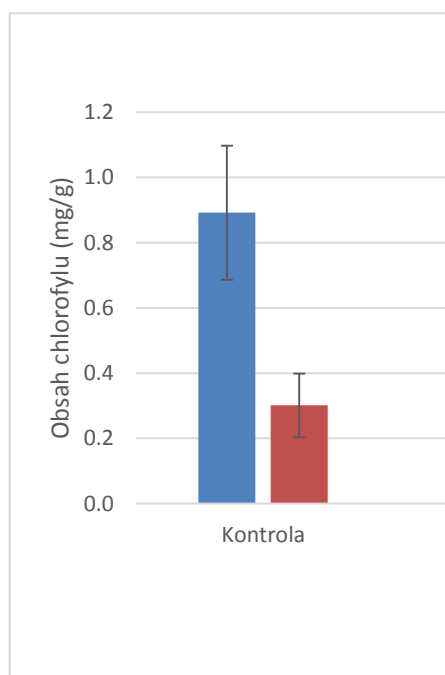
$$\text{chlorofyl } a = 9,784 \times A_{662} - 0,990 \times A_{644}$$

$$\text{chlorofyl } b = 21,426 \times A_{644} - 4,650 \times A_{662}$$

následný přepočet:

(Výpočet dle vzorce-mg/l \* 0,025l)/navážka-g  
V=25ml

GRAF	mg <sub>chlorofylu</sub> /g <sub>FW listu</sub>	
Varianta	Chl a	Chl b
Kontrola	0.892	0.301
bez N	0.589	0.222
bez P	0.954	0.347
bez Fe	0.316	0.107



0.236098	0.079603	2.965943685
0.221495	0.075754	2.92388172
0.344519	0.122169	2.820032044
0.340896	0.118933	2.866283395
0.338838	0.107622	3.148406662
0.341082	0.108214	3.15193493
0.626336	0.20281	3.088295818
0.637179	0.204489	3.11595378

<b>0.316</b>	<b>0.107</b>	<b>2.878</b>
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<b>0.164</b>	<b>0.051</b>	<b>0.218</b>
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[mg.l<sup>-1</sup>]  
[mg.l<sup>-1</sup>]

mg chlorofylu / g FW listu

Chl a - SMODCH	Chl b - SMODCH
0.206	0.098
0.103	0.056
0.162	0.083
0.164	0.051

