

| Varianta | Opakování | Navážka<br>g | A <sub>662</sub> | A <sub>644</sub> | dle vzorce    |                  |
|----------|-----------|--------------|------------------|------------------|---------------|------------------|
|          |           |              |                  |                  | chl a<br>mg/l | chl b<br>mg/l    |
| Kontrola | 1a        | 0.49         | 2.515            | 0.995            |               |                  |
|          | 1b        | 0.49         | 2.533            | 1.013            |               |                  |
|          | 2a        | 0.502        | 1.663            | 0.582            |               |                  |
|          | 2b        | 0.502        | 1.663            | 0.577            |               |                  |
|          | 3a        | 0.547        | 2.451            | 0.94             |               |                  |
|          | 3b        | 0.547        | 2.466            | 0.952            |               |                  |
|          | 4a        | 0.567        | 2.057            | 0.726            |               |                  |
|          | 4b        | 0.567        | 2.069            | 0.73             |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez N    | 1a        | 0.504        | 1.337            | 0.457            |               |                  |
|          | 1b        | 0.504        | 1.338            | 0.451            |               |                  |
|          | 2a        | 0.504        | 1.553            | 0.528            |               |                  |
|          | 2b        | 0.504        | 1.557            | 0.527            |               |                  |
|          | 3a        | 0.5          | 0.935            | 0.317            |               |                  |
|          | 3b        | 0.5          | 0.95             | 0.324            |               |                  |
|          | 4a        | 0.498        | 0.657            | 0.222            |               |                  |
|          | 4b        | 0.498        | 0.659            | 0.221            |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez P    | 1         | 0.508        | 2.709            | 1.381            |               |                  |
|          | 2         | 0.508        | 2.709            | 1.393            |               |                  |
|          | 3         | 0.511        | 2.591            | 1.088            |               |                  |
|          | 4         | 0.511        | 2.635            | 1.126            |               |                  |
|          | 5         | 0.537        | 2.709            | 1.384            |               |                  |
|          | 6         | 0.537        | 2.709            | 1.381            |               |                  |
|          | 7         | 0.525        | 2.683            | 1.328            |               |                  |
|          | 8         | 0.525        | 2.709            | 1.33             |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez Fe   | 1a        | 0.515        | 1.467            | 0.56             |               |                  |
|          | 1b        | 0.515        | 1.462            | 0.558            |               |                  |
|          | 2a        | 0.506        | 0.786            | 0.283            |               |                  |
|          | 2b        | 0.506        | 0.784            | 0.279            |               |                  |
|          | 3a        | 0.508        | 0.503            | 0.214            |               |                  |
|          | 3b        | 0.508        | 0.46             | 0.17             |               |                  |
|          | 4a        | 0.51         | 1.04             | 0.366            |               |                  |
|          | 4b        | 0.51         | 1.029            | 0.363            |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |

přepočet

| chl a | chl b | chl a: chl b |
|-------|-------|--------------|
| mg/g  | mg/g  |              |

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  
'=25ml



[mg.l<sup>-1</sup>]  
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mg<sub>chlorofylu</sub> / g<sub>FW listu</sub>