

| 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        | 0.261        | 1.423            | 0.475            |               |                  |
|          | 1b        | 0.261        | 1.502            | 0.509            |               |                  |
|          | 2a        | 0.249        | 1.9              | 0.716            |               |                  |
|          | 2b        | 0.249        | 1.909            | 0.719            |               |                  |
|          | 3a        | 0.25         | 1.95             | 1.363            |               |                  |
|          | 3b        | 0.25         | 1.94             | 1.357            |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez N    | 1a        | 0.25         | 0.557            | 0.186            |               |                  |
|          | 1b        | 0.25         | 0.619            | 0.207            |               |                  |
|          | 2a        | 0.25         | 0.515            | 0.175            |               |                  |
|          | 2b        | 0.25         | 0.518            | 0.177            |               |                  |
|          | 3a        | 0.25         | 0.491            | 0.198            |               |                  |
|          | 3b        | 0.25         | 0.48             | 0.187            |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez P    | 1a        | 0.256        | 1.524            | 0.55             |               |                  |
|          | 1b        | 0.256        | 1.567            | 0.568            |               |                  |
|          | 2a        | 0.35         | 1.686            | 0.677            |               |                  |
|          | 2b        | 0.35         | 1.735            | 0.71             |               |                  |
|          | 3a        | 0.258        | 1.81             | 0.654            |               |                  |
|          | 3b        | 0.258        | 1.823            | 0.655            |               |                  |
|          |           |              |                  |                  |               | průměr<br>smodch |
| bez Fe   | 1a        | 0.25         | 0.4              | 0.149            |               |                  |
|          | 1b        | 0.25         | 0.405            | 0.15             |               |                  |
|          | 2a        | 0.249        | 0.173            | 0.074            |               |                  |
|          | 2b        | 0.249        | 0.145            | 0.062            |               |                  |
|          | 3a        | 0.25         | 0.288            | 0.152            |               |                  |
|          | 3b        | 0.25         | 0.301            | 0.168            |               |                  |
|          |           |              |                  |                  |               | 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:

$$(\text{Výpočet dle vzorce} - \text{mg/l} * 0,025) / \text{navážka} - \text{g} \\ \text{'=25ml}$$



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