|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tabela 4. Adsorpcione konstante izotermi regenerisanih uzoraka**  (Koncentracija zeolita = 2 g/dm3, pH~8, Vrijeme adsorpcije 24 h (UFr i SFr) i 48 h (GFr))  **Table 4. Adsorption constants of isotherms of regenerated samples**  (Zeolite concentration = 2 g /dm3, pH ~ 8, adsorption time 24 h (UFr and SFr) and 48 h (GFr)) | | | | |
| **Model** | **Parametar** | **Vrijednosti parametara** | | |
| **UFr** | **SFr** | **GFr** |
| *Langmuir* | *R2* | 0,9785 | 0,9914 | 0,9097 |
| *qm* (mg/g) | 12,27 | 13,89 | 11,82 |
| *KL* (L/mg) | 0,069 | 0,080 | 0,020 |
| *RL* | 0,1-0,5 | 0,1-0,5 | 0,3-0,8 |
| *Freundlich* | *R2* | 0,8997 | 0,9316 | 0,9209 |
| *Kf*(mg/g)(L/mg)1/n | 1,94 | 2,50 | 0,52 |
| *n* (L/mg) | 2,53 | 2,70 | 1,65 |
| *1/n* | 0,39 | 0,37 | 0,61 |
| *Tempkin* | *R2* | 0,8976 | 0,9553 | 0,9098 |
| *B* (J/mol) | 2,72 | 2,91 | 2,69 |
| *A* (L/g) | 0,63 | 0,85 | 0,19 |
| *Dubinin-*  *Radushkevich* | *R2* | 0,8151 | 0,8696 | 0,7721 |
| *qD  (mg/g)* | 9,57 | 10,90 | 6,57 |
| *KD (mol2/kJ2)* | 0,009 | 0,006 | 0,025 |
| *E (kJ/mol)* | 7,57 | 8,99 | 4,47 |