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| **Table 4.** Maximum adsorption capacities (Qm) of different materials used in the adsorption of RR195 |
| **Adsorbent** | **Qm** **(mg g-1)** | **Optimal conditions** | **Reference** |
| **Biocomposite of crosslinked oxalic acid-chitosan/alumina ceramic pellets** | 345.3 | 303 K, pH=2  | Present study |
| Wheat bran | 119 | 20 ºC, pH=1  | Çiçek et al., (2007)  |
| Hydrogels of reticulated chitosan-oxalic acid | 110.7  | 45 ºC, pH=4 | Pérez-Calderón et al.,(2020) |
| TiO2 Nanoparticles | 87 | 30 ºC, pH=3 | Belessi et al., (2009)  |
| Chitosan beads particles (Hydrogels) | 82.1 | 25ºC, pH=4 | Pérez-Calderón et al., (2018)  |