# New activated carbon derived ‎from *Gundelia tournefortii* seeds for ‎effective removal of acetaminophen ‎from aqueous solutions: adsorption performance

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**Table S1**. Phsicochemical properties of ACT (1)

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| **Value** | **Property** |
| Acetaminophen, Paracetamol | Common name |
| N-(4-Hydroxyphenyl) acetamide | IUPAC name |
| 151.16 g/mol | Molecular weight |
| C8H9NO2 | Molecular Formula |
| 170˚C | Melting point |
| 14 g/L | Solubility (at 25˚C) |
| 1.293 g/cm3 | Density (at 21˚C) |
| 9.38 | pKa |

1. Igwegbe CA, Aniagor CO, Oba SN, Yap P-S, Iwuchukwu FU, Liu T, et al. Environmental protection by the adsorptive elimination of acetaminophen from water: a comprehensive review. Journal of Industrial and Engineering Chemistry. 2021;104:117-35.