**1. XRD pattern**

The XRD pattern of synthesized CQDs at 2θ of 10 to 70° was presented in **Figure 1s**. A narrow diffraction peak was observed at 20° that was related to the (002) plane and is expressive of the amorphous nature of CQDs.

E:\دکتری\رضایی\trigo\Results\Results\Results\XRD\XRD\Trigo-XRD 2.tif

**Figure 1s**. The XRD pattern of the CQDs.