Regular rippled pattern formed by molecular self-organization of polyvinylpyrrolidone encapsulated Ag nanoparticles: A high transmissive coating for efficiency enhancement of c-Si solar cells

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Uv-Vis absorption spectrum of the blank Ag precursor, i.e. 5.3 milimolar AgNO\textsubscript{3} solution, obtained by dissolving 0.09 g of AgNO\textsubscript{3} in 100 ml of redistilled water; is showing a characteristics absorption peak at around 304 nm.