

Water Soluble Nanodiamond

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SI-1a-d. XPS Data

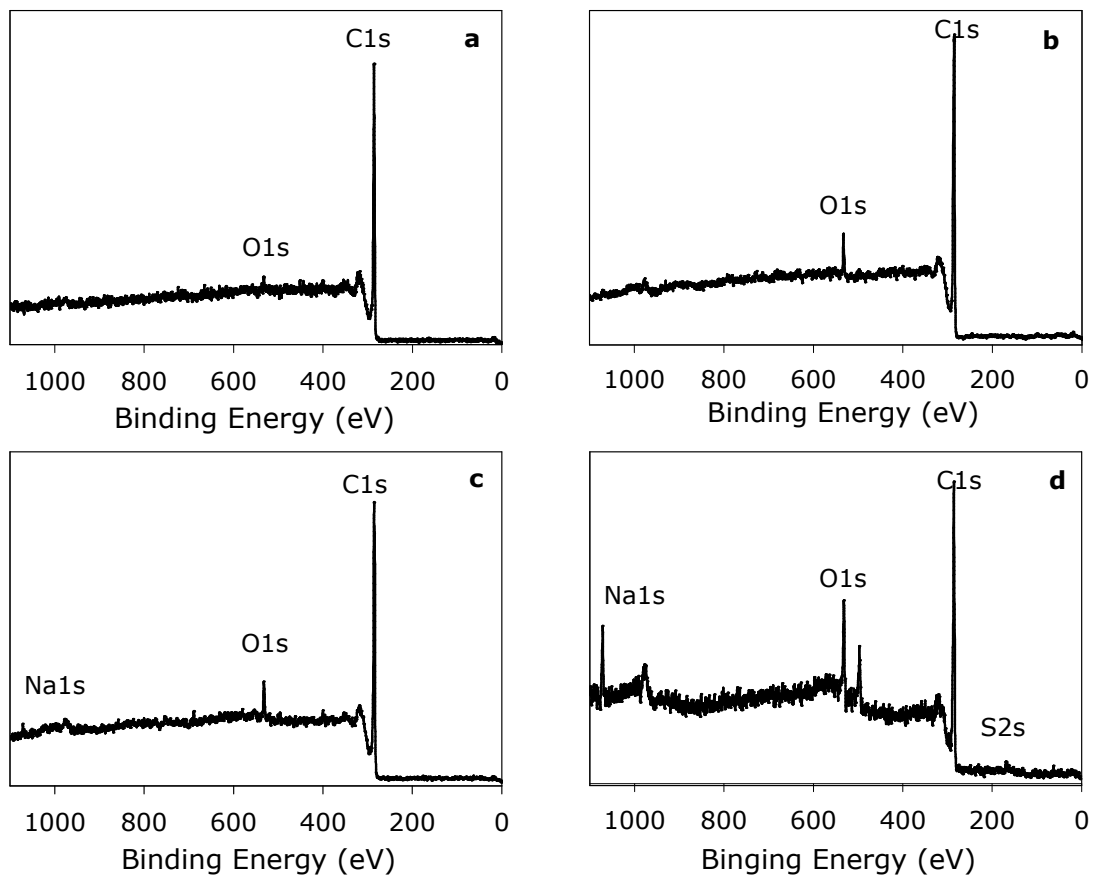


Figure SI-1. XPS survey analysis of (a) annealed nanodiamond **1**, (b) carboxylated nanodiamond **2**, (c) sodium salt of carboxylated nanodiamond **3**, (d) sodium salt of phenyl sulfonated nanodiamond **6**.

SI-2a-c. XPS Data

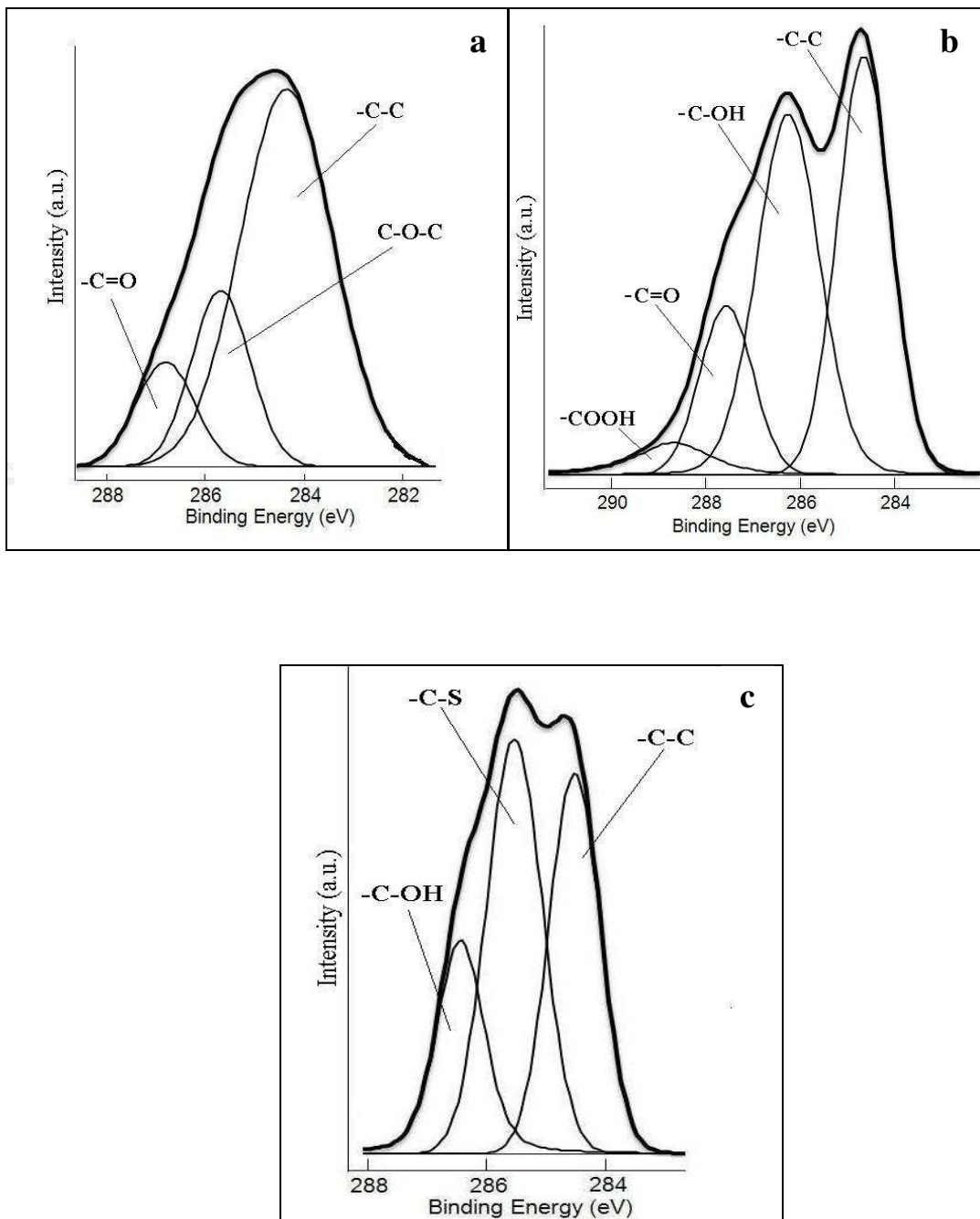


Figure SI-2. XPS high resolution analysis of (a) annealed nanodiamond **1**, (b) sodium salt of carboxylated nanodiamond **3**, (d) sodium salt of phenyl sulfonated nanodiamond **6**.

SI-3. TEM image

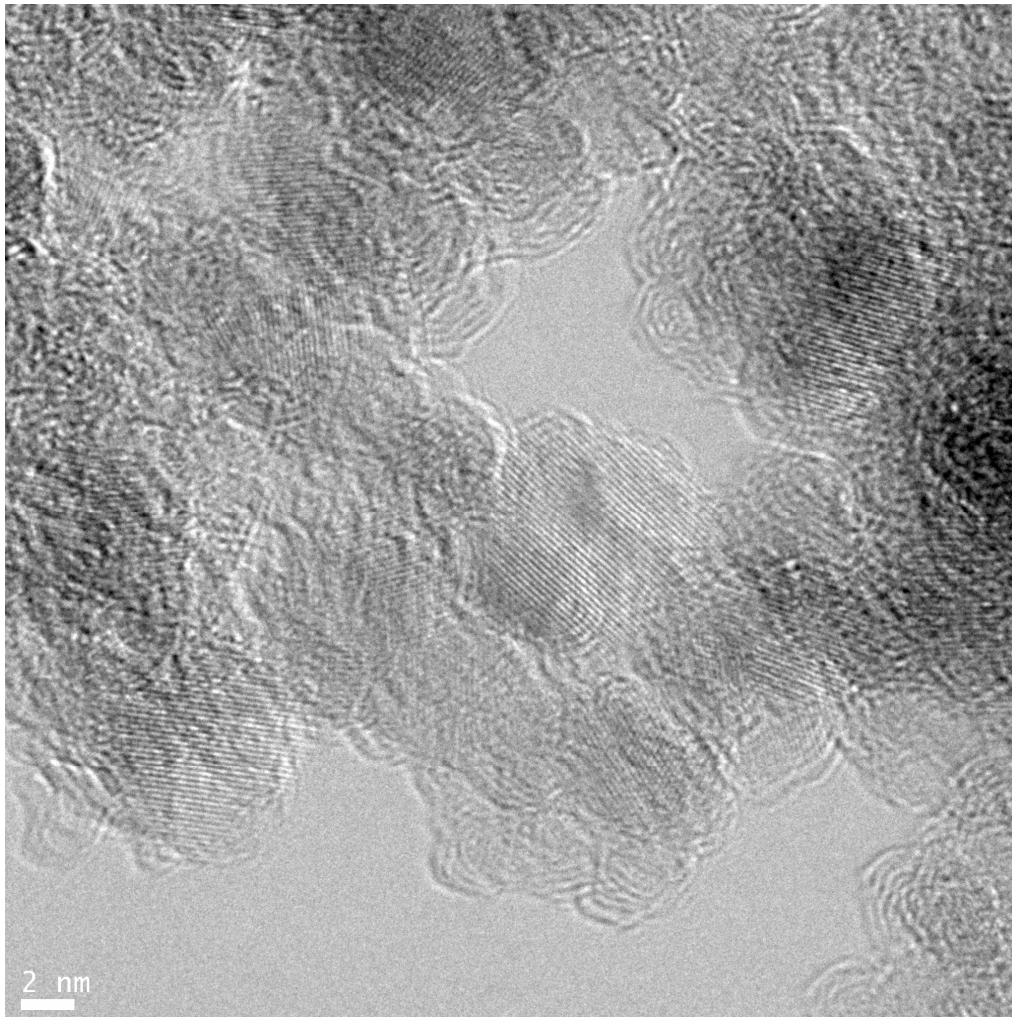


Figure SI-3. High resolution transmission electron microscopy image of water soluble nanodiamond 5 showing fringes.