



Technical Data Sheet

ACS Material Monolayer Tungsten Disulfide (WS₂) Quantum Dots

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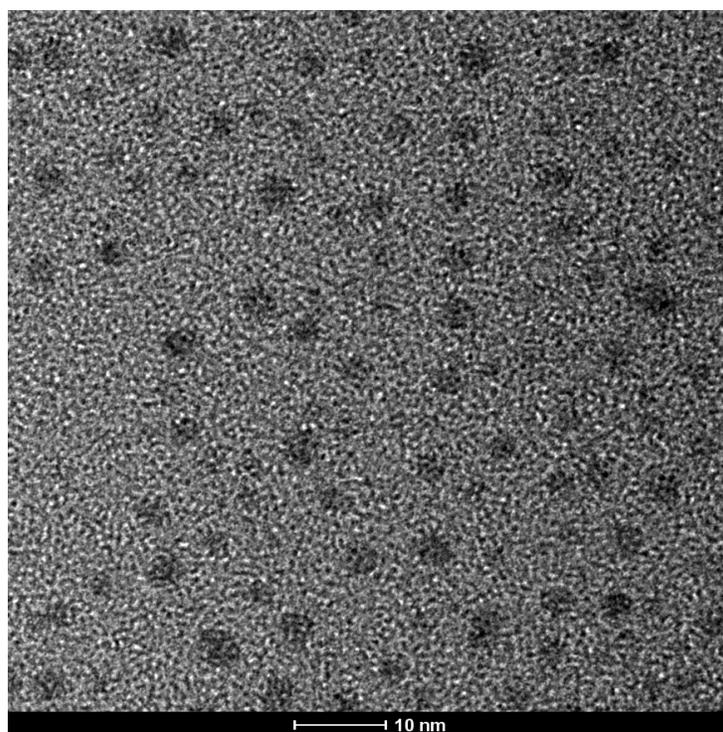
Revision: 030217

1. Preparation Method

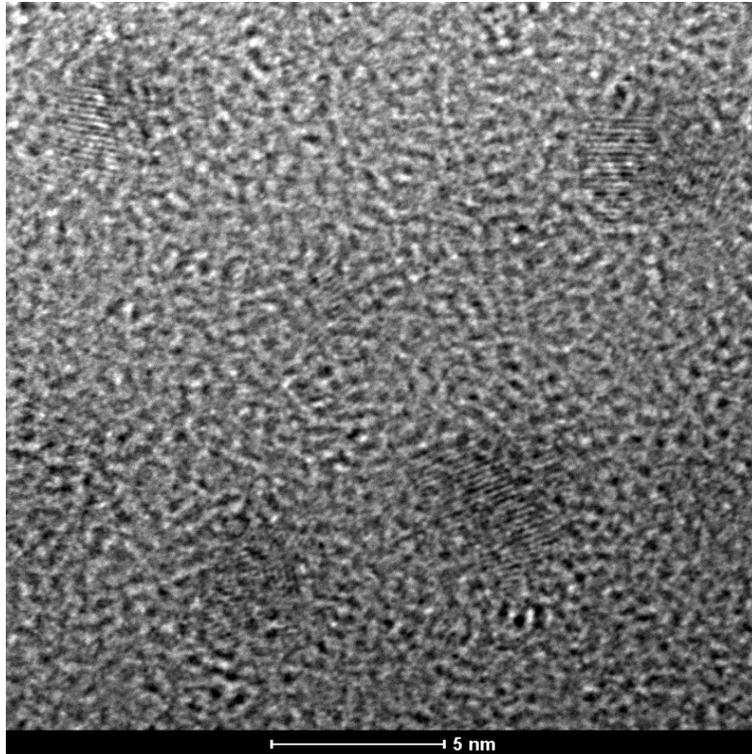
Lithium intercalating method

2. Characterizations

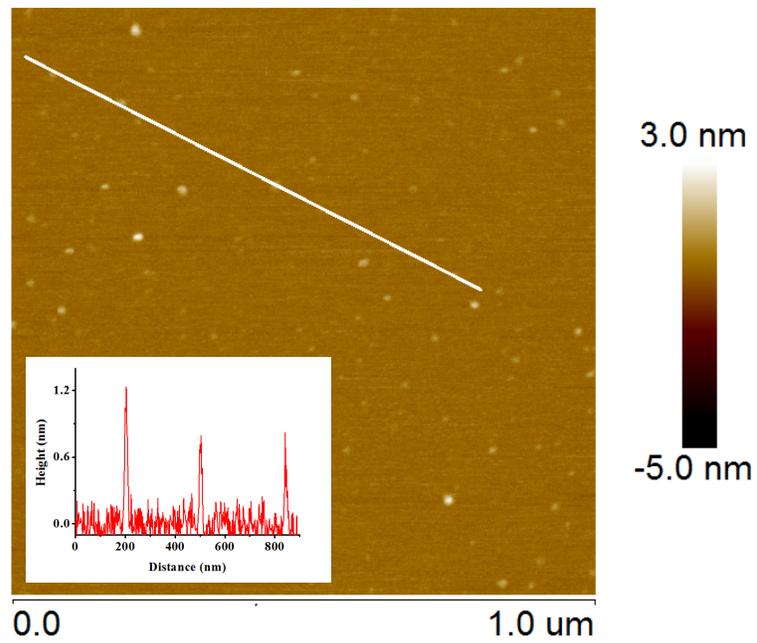
Concentration:	0.5 mg/ml
Size:	<10 nm
Solvent:	water
PH:	11-12
Stabilizer:	LiOH
Appearance:	Black Powder or Suspension



Typical TEM Image of ACS Material Monolayer WS₂ Quantum Dots



Typical TEM Image of ACS Material Monolayer WS₂ Quantum Dots



Typical AFM Image of ACS Material Monolayer MoS₂ Quantum Dots

3. Application Fields

An excellent material for studying electrochemistry.

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