



## Technical Data Sheet

# ACS Material Molybdenum Disulfide (MoS<sub>2</sub>) Quantum Dots

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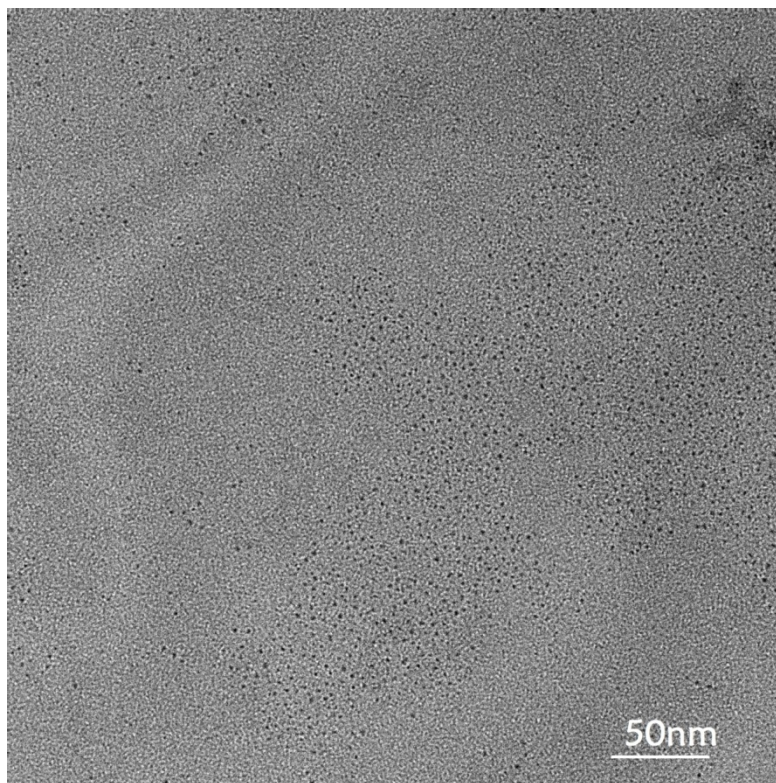
Revision: 030217

## 1. Preparation Method

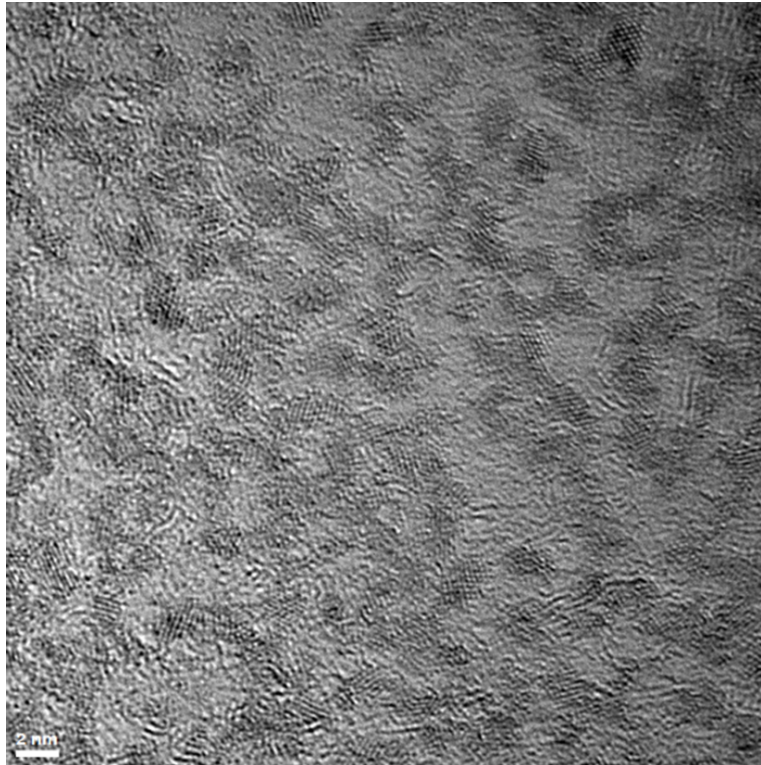
Lithium intercalating method

## 2. Characterizations

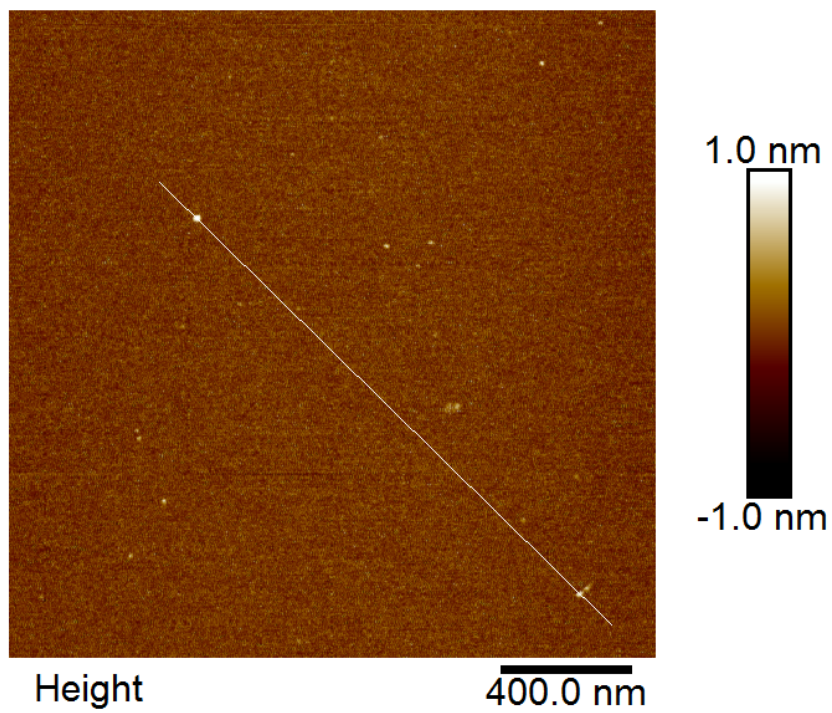
<b>Concentration:</b>	<b>0.5 mg/ml</b>
<b>Size:</b>	<10 nm
<b>Solvent:</b>	water
<b>PH:</b>	11-12
<b>Stabilizer:</b>	LiOH
<b>Appearance:</b>	Black Powder or Suspension



Typical TEM Image of ACS Material Monolayer MoS<sub>2</sub> Quantum Dots



Typical TEM Image of ACS Material Monolayer MoS<sub>2</sub> Quantum Dots



Typical AFM Image of ACS Material Monolayer MoS<sub>2</sub> Quantum Dots

### 3. Application Fields

An excellent material for studying electrochemistry.

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