



## Technical Data Sheet

# ACS Material Mechanically Exfoliated Monolayer WS<sub>2</sub> on SiO<sub>2</sub> Substrate

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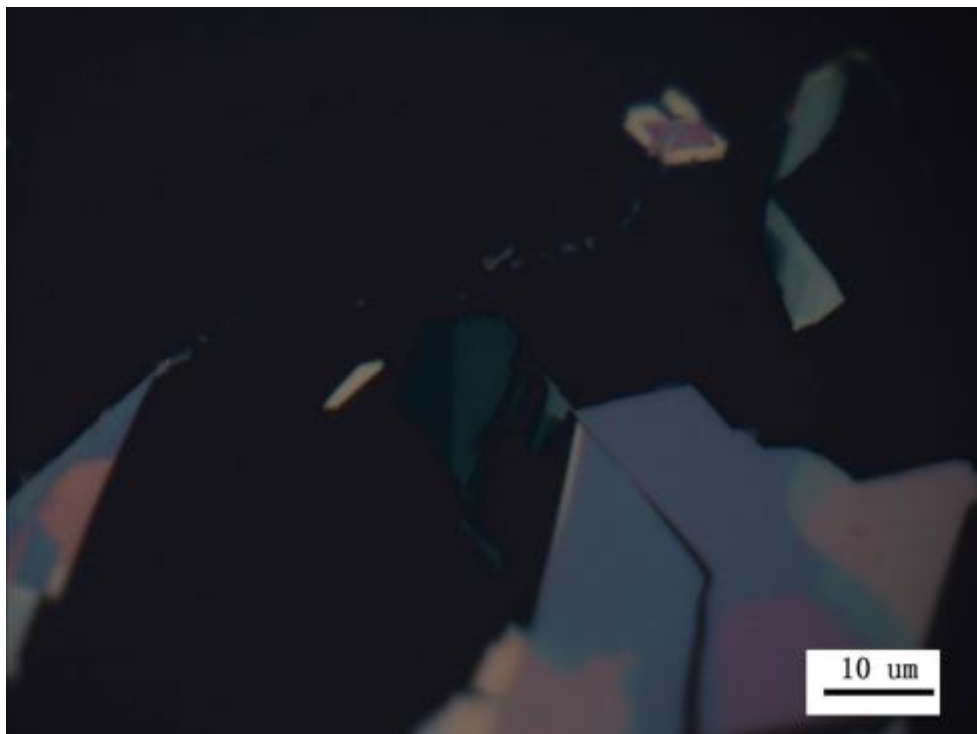
Revision: 062017

## 1. Preparation Method

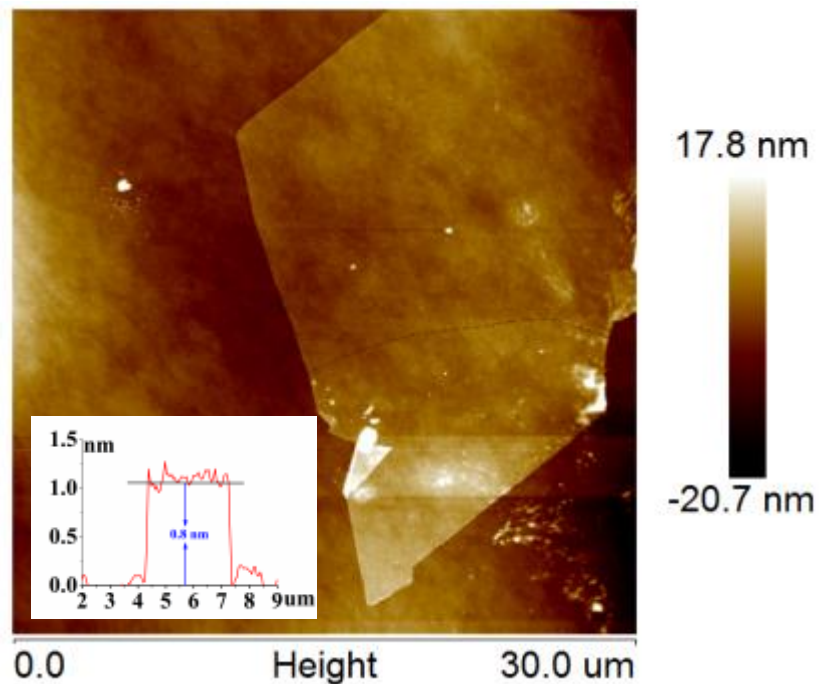
Mechanical Exfoliation Method

## 2. Characterizations

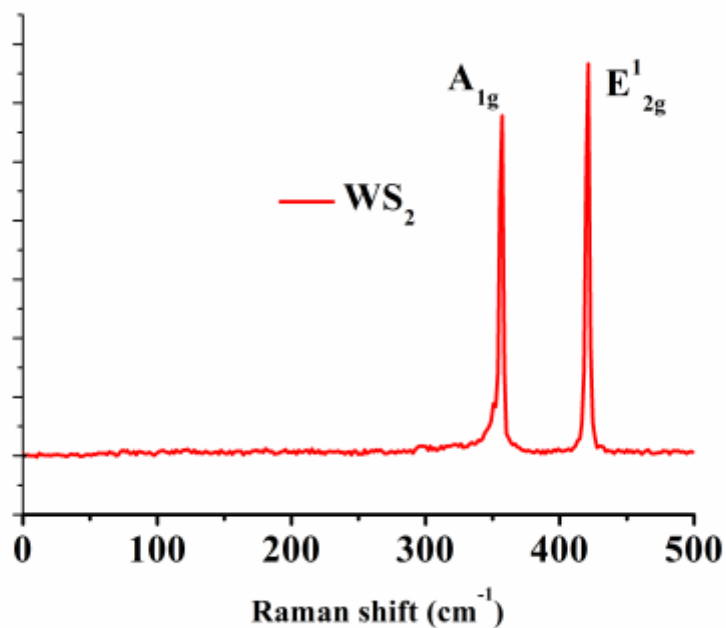
Substrate:	SiO <sub>2</sub> substrate
Substrate Size:	10 mm x 10 mm
Monolayer WS <sub>2</sub> Area:	>10 μm <sup>2</sup>



Typical Image of ACS Material Mechanically Exfoliated Monolayer WS<sub>2</sub> on SiO<sub>2</sub> Substrate



Typical AFM Image of ACS Material Mechanically Exfoliated Monolayer WS<sub>2</sub> on SiO<sub>2</sub> Substrate



Typical Raman Image of ACS Material Mechanically Exfoliated Monolayer WS<sub>2</sub> on SiO<sub>2</sub> Substrate

### 3. Application Fields

An excellent device material for studying the number of layers and fluorescence effects.

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