Technical Data Sheet

ACS Material Monolayer MoS_2 on SiO_2 (20-50μm)

Table of Contents

1 – Preparation Method

2 –Characterizations

3 – Application Fields

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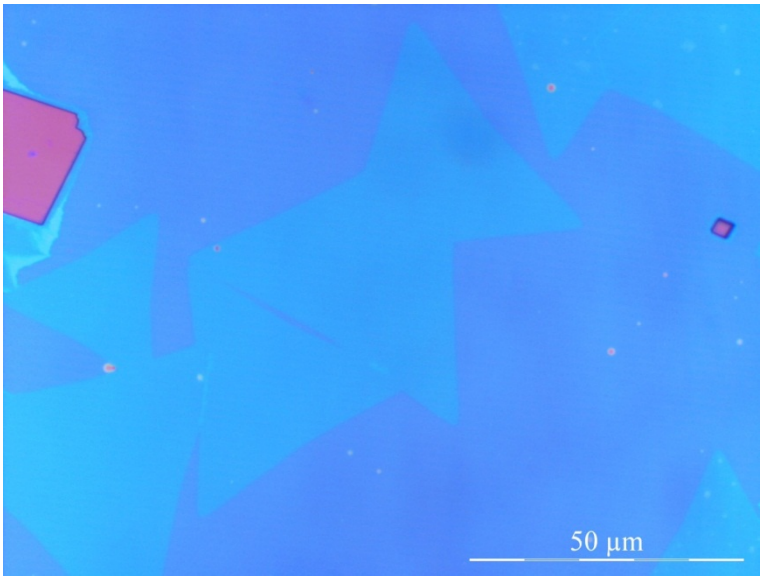
Revision: 103017

1. Preparation Method

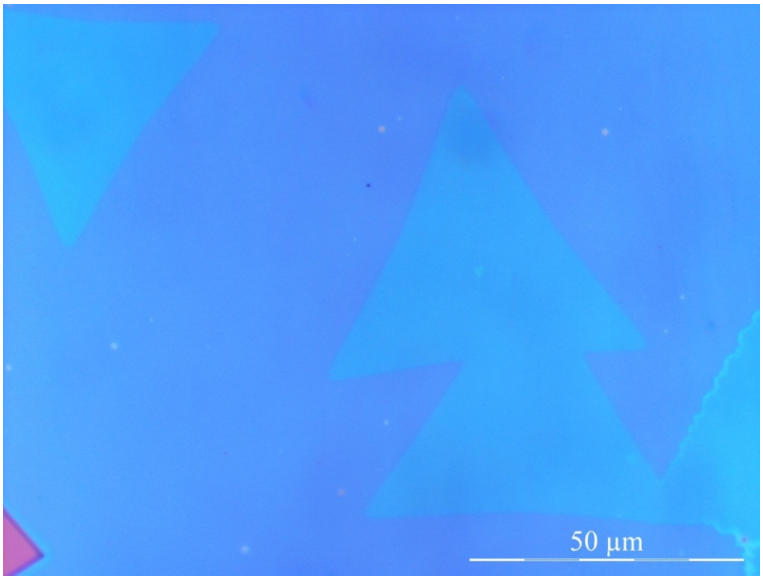
CVD Method

2. Characterizations

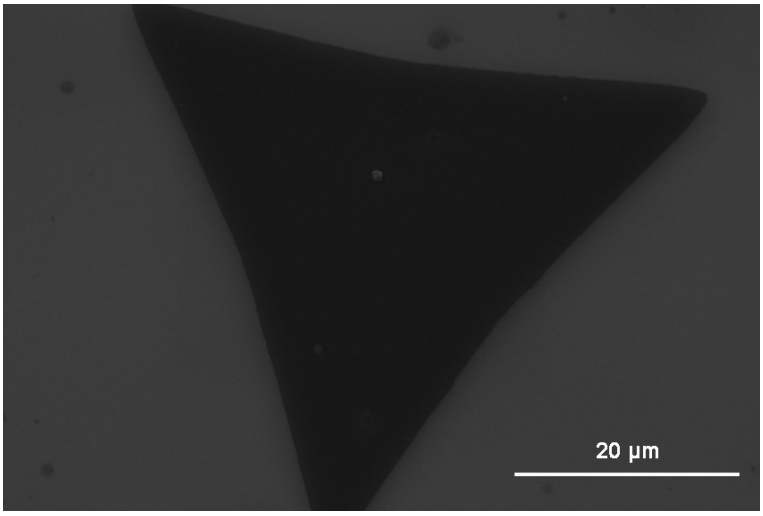
Substrate:	SiO_2
Size:	9 mm*9 mm
Thickness：	0.6-0.8 nm
Diameter range:	20-50 μm



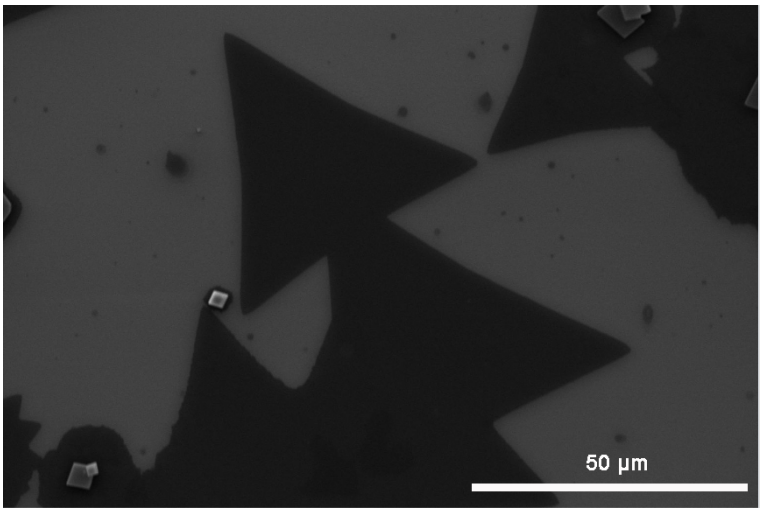
Typical Microscope Image (1) of ACS Material Monolayer MoS_2 on SiO_2 (20-50μm)



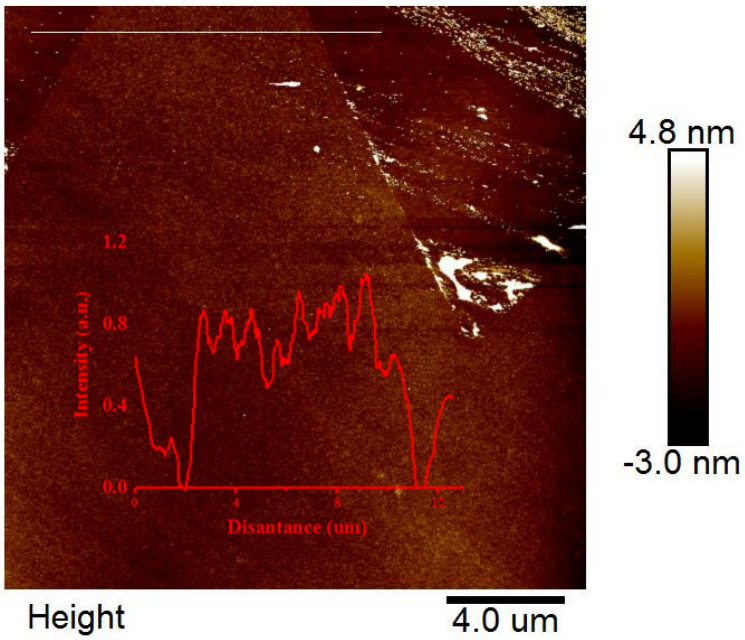
Typical Microscope Image (2) of ACS Material Monolayer MoS_2 on SiO_2 (20-50µm)



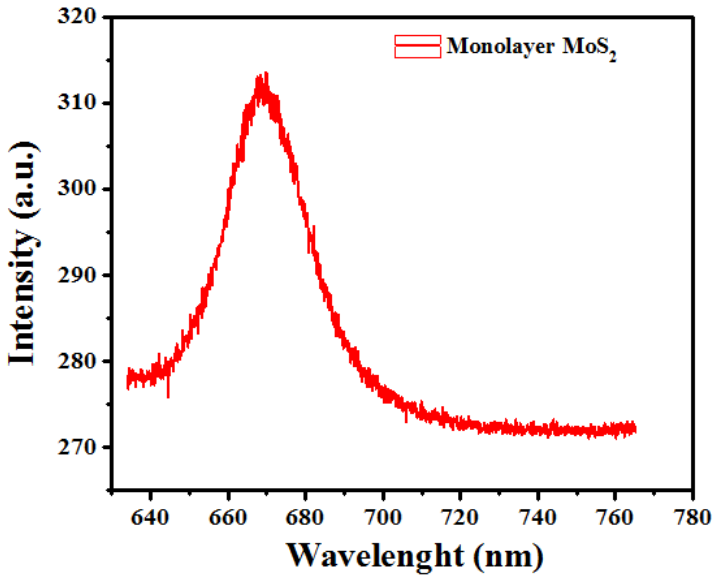
Typical SEM Image (1) of ACS Material Monolayer MoS_2 on SiO_2 (20-50µm)



Typical SEM Image (2) of ACS Material Monolayer MoS_2 on SiO_2 (20-50μm)



Typical AFM of ACS Material Monolayer MoS_2 on SiO_2 (20-50μm)



Typical Optical Spectrum of ACS Material Monolayer MoS_2 on SiO_2 (20-50μm)

3. Application Fields

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

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