



Technical Data Sheet

ACS Material Monolayer MoS₂ Film on SiO₂/Sapphire (8mm x 8mm)

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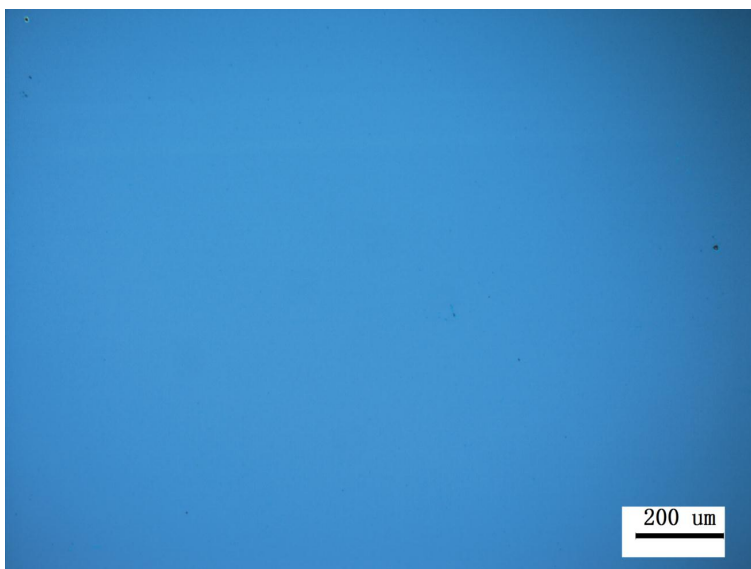
Revision: 103017

1. Preparation Method

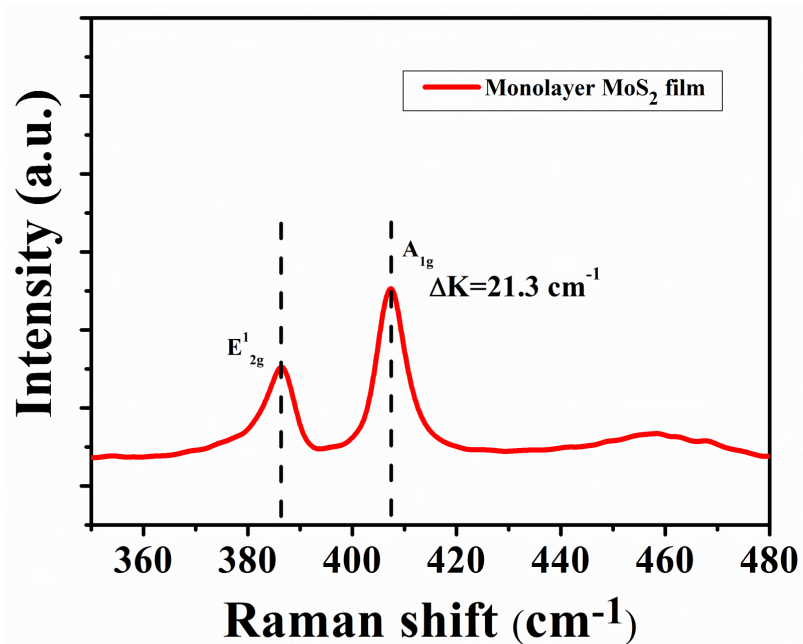
CVD Method

2. Characterizations

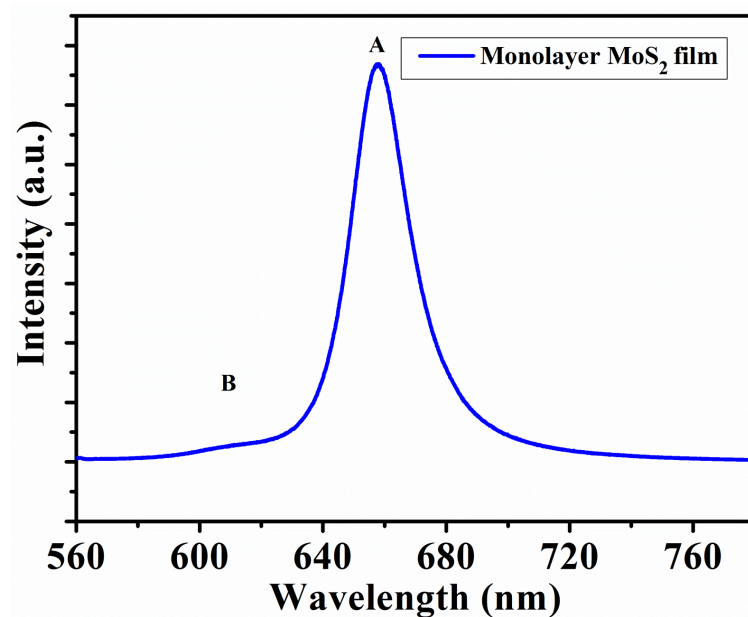
Substrate:	SiO ₂ /Sapphire
Size:	8 mm*8 mm
Thickness:	0.6-0.8 nm



Typical Microscope Image of ACS Material Monolayer MoS₂ Film on SiO₂/Sapphire (8mm x 8mm)



Typical Raman of ACS Material Monolayer MoS₂ Film on SiO₂/Sapphire (8mm x 8mm)



Typical Optical Spectrum of ACS Material Monolayer MoS₂ Film on SiO₂/Sapphire (8mm x 8mm)

3. Application Fields

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

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