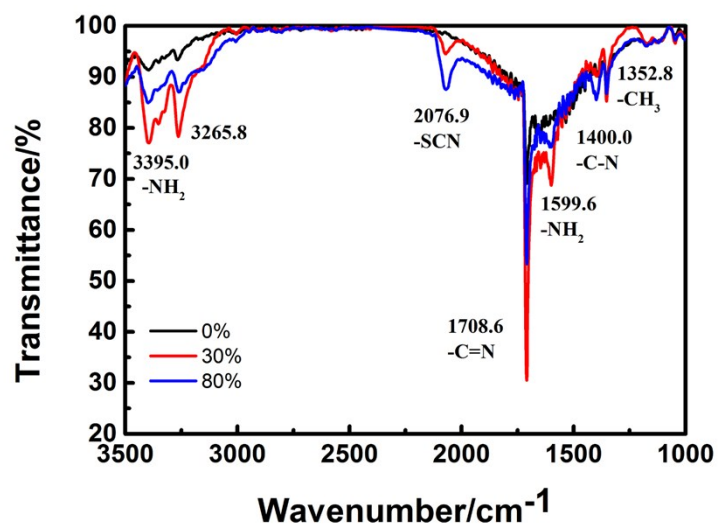


### Supporting information



**Fig. S1** Fourier transform infrared spectra of FAPbI<sub>3</sub> perovskite films with and without SCN.