

Room Temperature Growth of $\text{CH}_3\text{NH}_3\text{PbCl}_3$ Single Crystals by Solvent Evaporation Method

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Table S1. Crystallographic parameters of MAPbCl_3 obtained from Single crystal XRD refinement

Formula	$\text{CH}_3\text{NH}_3\text{PbCl}_3$
Formula weight	345.61
Temperature (K)	298K
Color	Colourless
Radiation	Mo K_α
Wavelength (Å)	0.7107
Crystal system	Cubic
Space group	Pm-3m
a (Å)	5.6867(3)
Volume (Å ³)	183.90(3)
Z	1
$R[F^2 > 2\sigma(F^2)]$, $wR_2(F^2)$	0.0347, 0.0665
GooF (S)	1.270

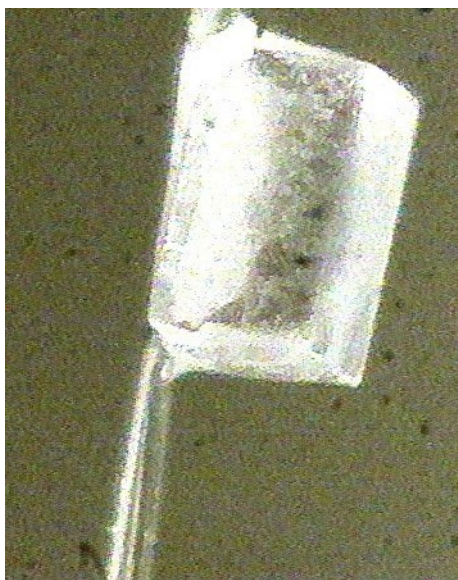


Figure S1: Image of MAPbCl_3 single crystal mounted on Hampton cryoloop for single crystal XRD measurement.

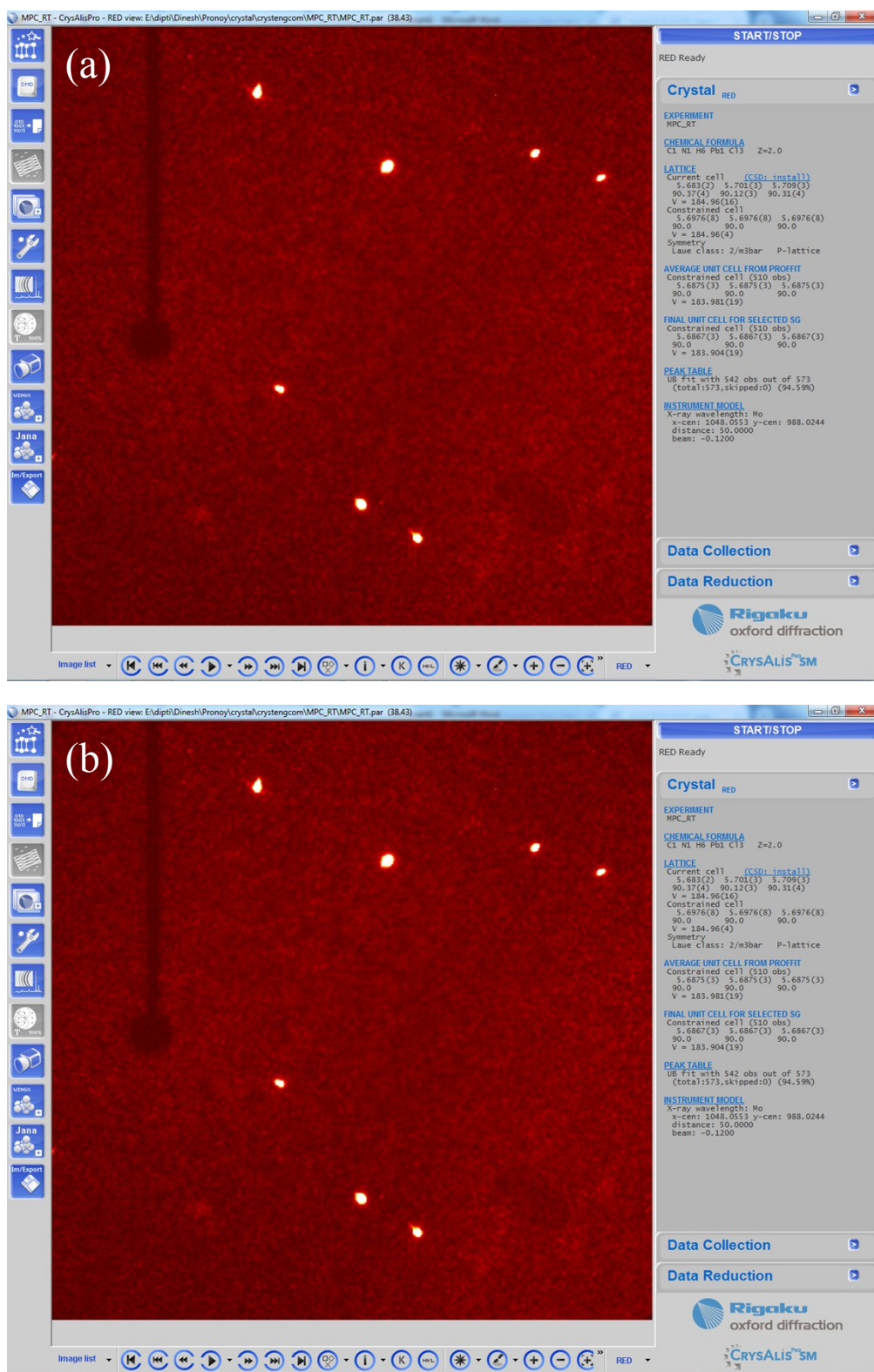


Figure S2 (a) and (b): Image of diffraction spots of MAPbCl₃ single crystal suggesting the crystalline quality of the sample.