Supporting Information for

Enhanced Perovskite Electronic Properties via a modified Lead(II)
Chloride Lewis Acid-Base Adduct and Their Effect in High-
Efficiency Perovskite Solar Cells

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Fig. S1 Ultraviolet-Visible absorption spectra of perovskite films with different PbCl$_2$-additive in perovskite precursor.

Fig. S2 XPS depth profiling of perovskite film with 2.5 % PbCl$_2$ in perovskite precursor with different etching time.