

Supporting Information

Table S1. Full title and abbreviation.

Full title	Abbreviation
Inorganic halide perovskite quantum dots	IPQDs
Nanocrystals	NCs
Photoluminescence quantum yield	PLQY
Photoluminescence	PL
Fluorine	F
Bromide	Br
Boron	B
Tetraethyl orthosilicate	TEOS
Light emitting diode	LED
Liquid crystal display	LCD
Metal halide perovskites	MHPs
Polystyrene	PS
Relative humidity	RH
Transmission electron microscopy	TEM
Energy-dispersive X-ray spectroscopy	EDS
X-ray diffraction	XRD
Fourier transform infrared	FTIR
Ultraviolet-visible	UV-vis
X-ray photoelectron spectroscopy	XPS
Time-resolved photoluminescence	TRPL
Polydimethylsiloxane	PDMS
Commission Internationale del'Eclairage	CIE
National Television Standards Committee	NTSC

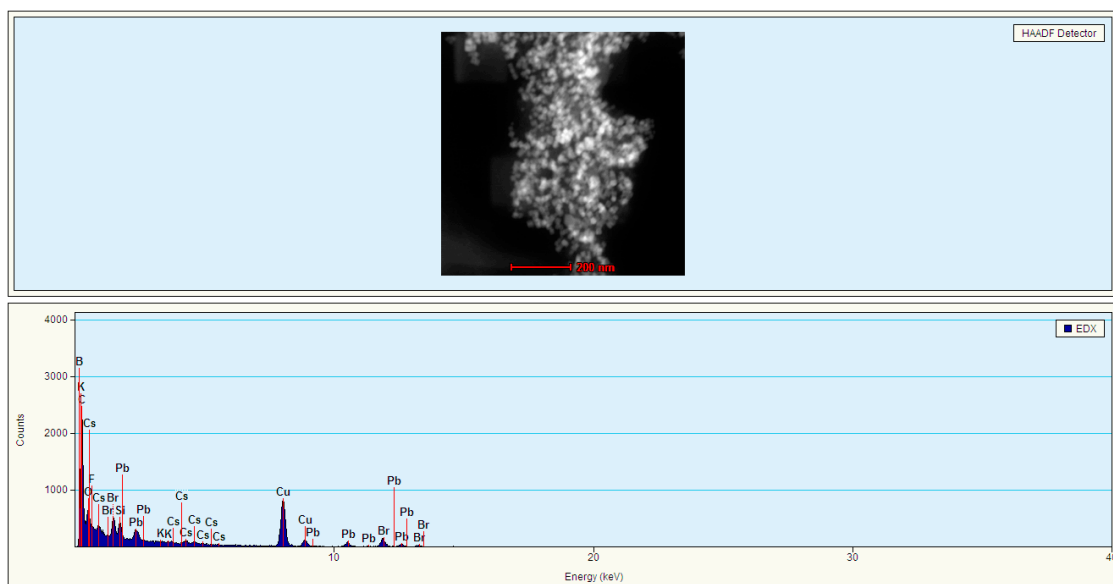


Figure S1. EDS energy spectrum of the CsPbBr₃:KBF₄@SiO₂.