

Table S1. Concentrations of PVP, metallic salt and solvents in mixed solutions

Sample NO.	PVP (wt%)	Metallic salt (wt%) ^a	Solvents (wt%) ^b
NFs@LMO-6:1	6	1	93
NFs@LMO-6:3	6	3	91
NFs@LMO-6:6	6	6	88
NFs@LMO-6:12	6	12	82
NFs@LMO-9:1	9	1	90
NFs@LMO-9:3	9	3	88
NFs@LMO-9:6	9	6	85

^a Composed of LiClO₄ and Mn(CH₃COO)₂·4H₂O, stoichiometric ratio of 1:1

^b Composed of methyl alcohol and acetic acid glacial