

## Supporting information

### Synthesis, Structural, Magnetic, Dielectric and Optical Properties of Co Doped Cr-Zn Oxide Nanoparticles for Spintronic Devices

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**Table S1.** Molecular mass of  $\text{Co}_x\text{Zn}_{0.95-x}\text{Cr}_{0.05}\text{O}$ .

Comp. 'x'	Molar Mass (g/mol element)				Total (g/mol compound)
	Co	Zn	Cr	O	
0.0	0.000	62.139	2.6	15.999	80.737
0.02	1.179	60.836	2.6	15.999	80.608
0.04	2.357	59.522	2.6	15.999	80.478
0.06	3.536	58.214	2.6	15.999	80.349
0.08	4.715	56.906	2.6	15.999	80.219
0.1	5.893	55.598	2.6	15.999	80.090