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Supporting Information

A novel low-dimensional heteroatom doped Nd_2O_3 nanostructures for enhanced electrochemical sensing of carbendazim

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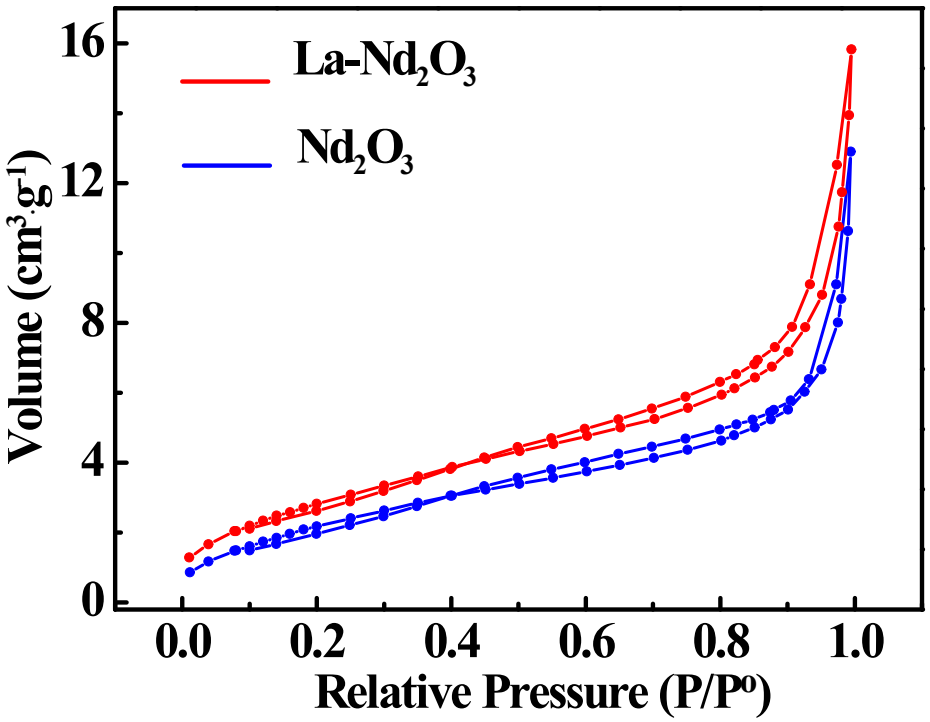

Figure S1. The BET results of Nd_2O_3 (12.19 $m^2 \cdot g^{-1}$) and La-Nd_2O_3 (13.80 $m^2 \cdot g^{-1}$).

Table S1. Crystallite size and micro-strain of the prepared samples.

Samples	2 Theta	FWHM (β)	D (nm)	Micro-strain (ε)
Nd_2O_3	30.77	0.226	7.14	0.0485
La-Nd_2O_3	30.88	0.163	9.91	0.0350

Table S2. Analysis of XPS spectra for La-Nd_2O_3.

Components in La-doped Nd_2O_3	Binding energy (eV)
O1s	531.5, 529
Nd $3d_{5/2}$	983, 983.3, 979.4
Nd $3d_{3/2}$	1006.0
La $3d_{3/2}$	852.6, 854.9, 855.7
La 5p	19.0
La 5s	38.0