

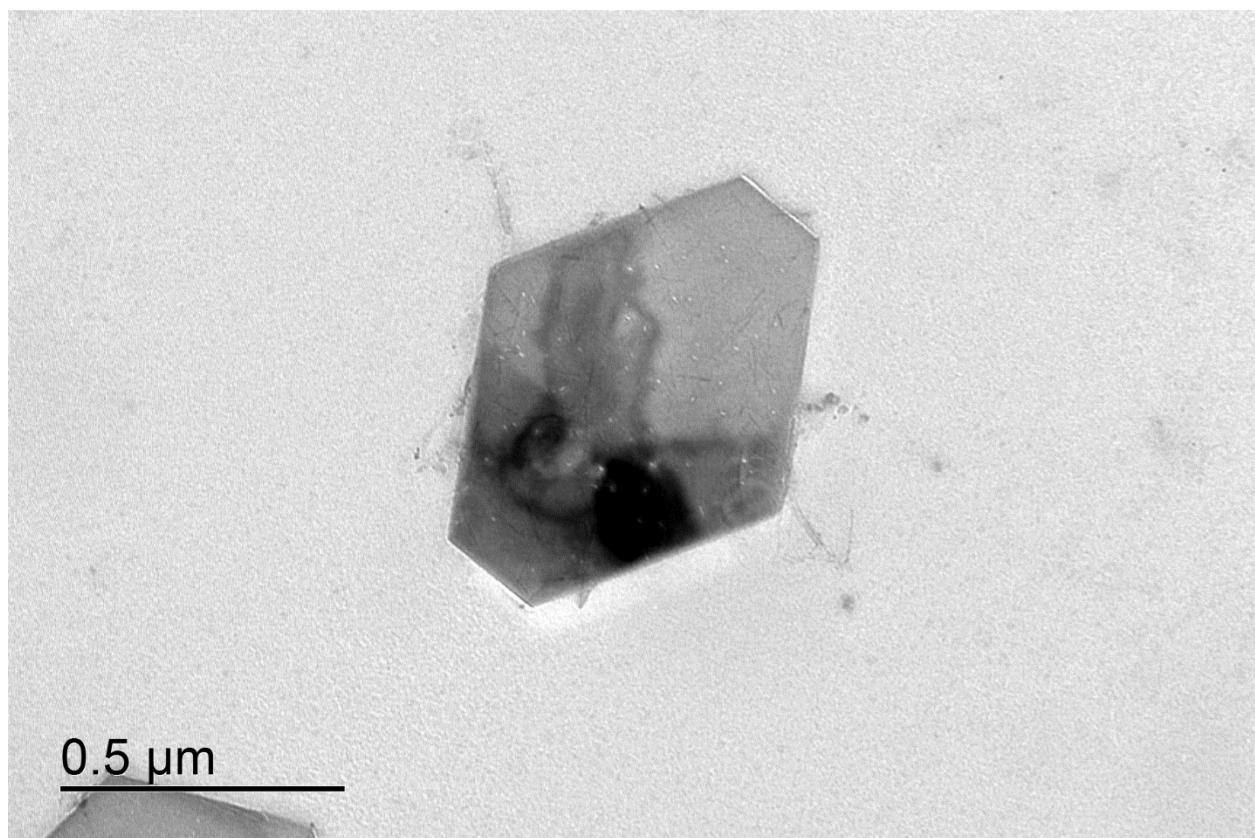
## Supplementary Information

### Revisiting the Synthesis of Gibbsite, a Precursor for Li/Al LDH Synthesis and Its Use as a Support for Porphyrin Immobilization

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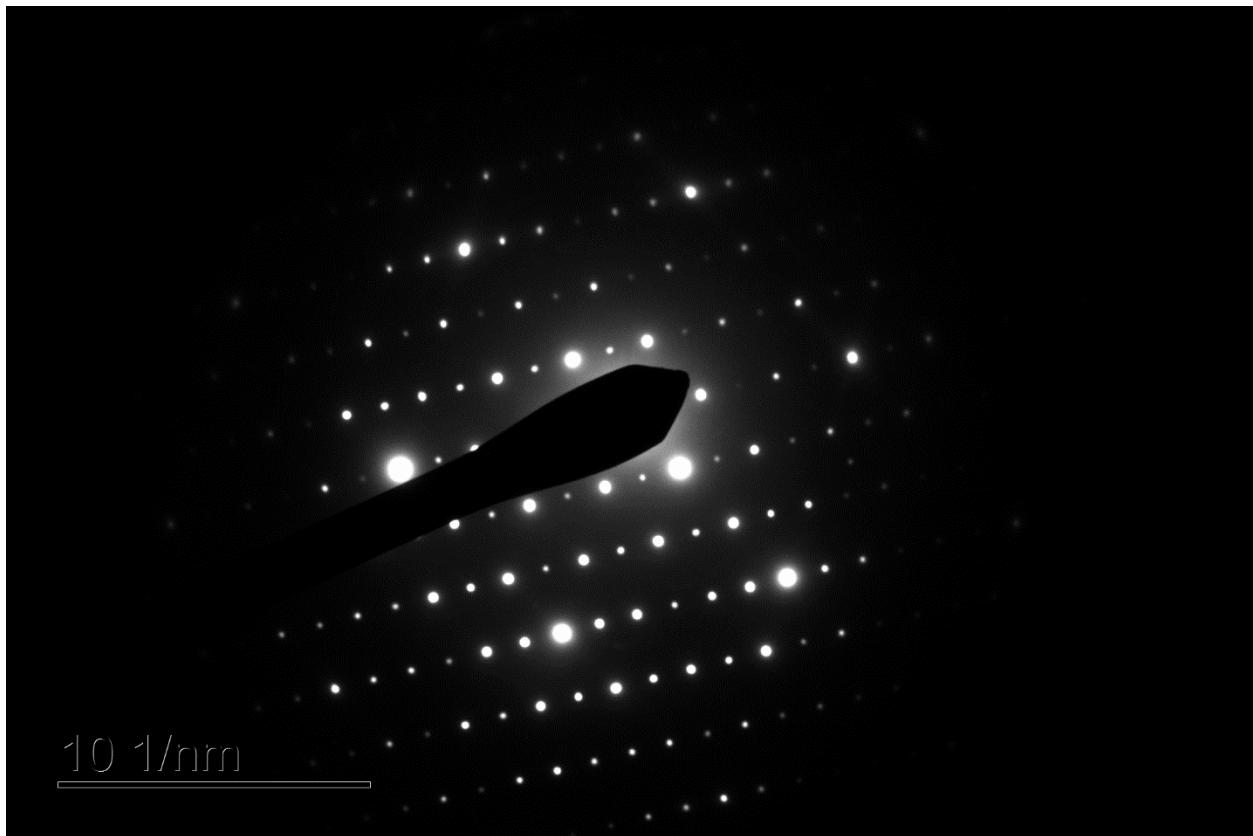
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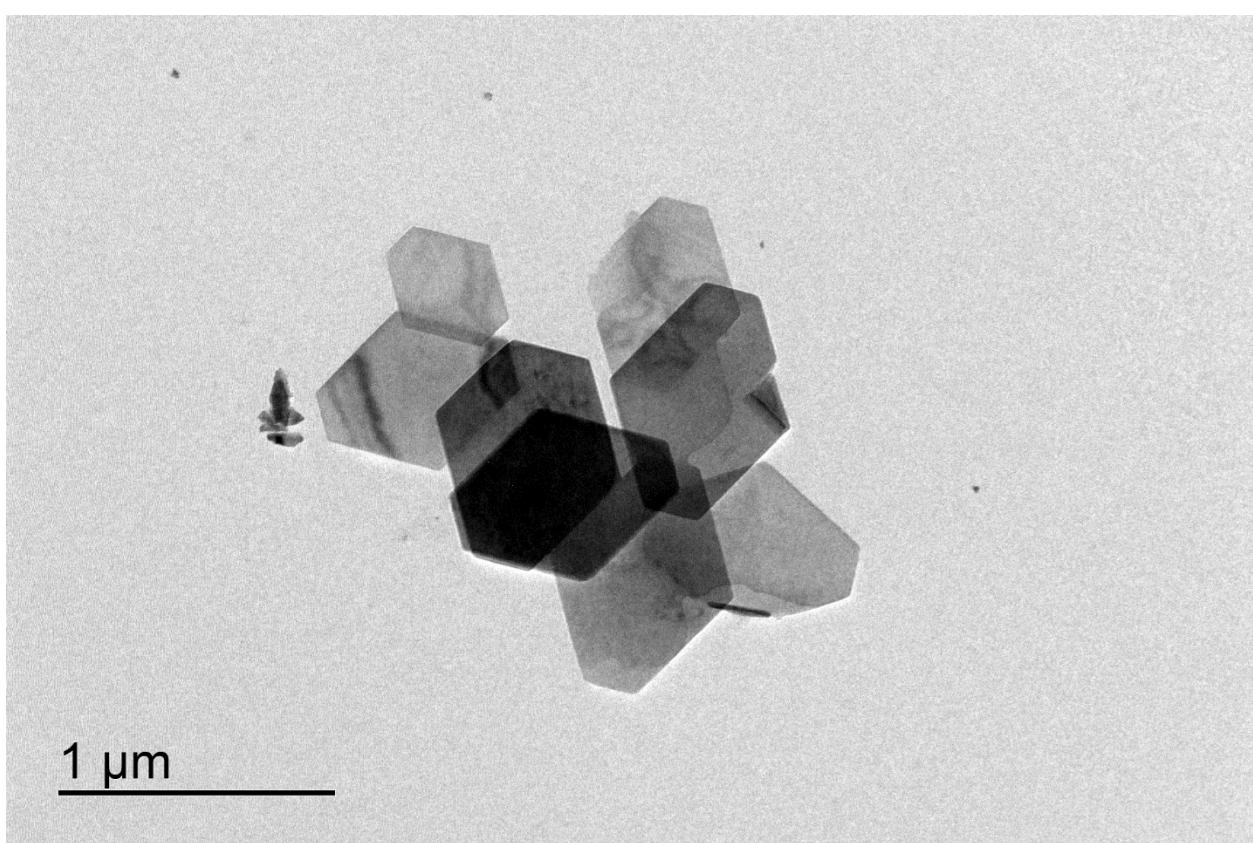
**Figure S1.** TEM image of the Gib-7 material.

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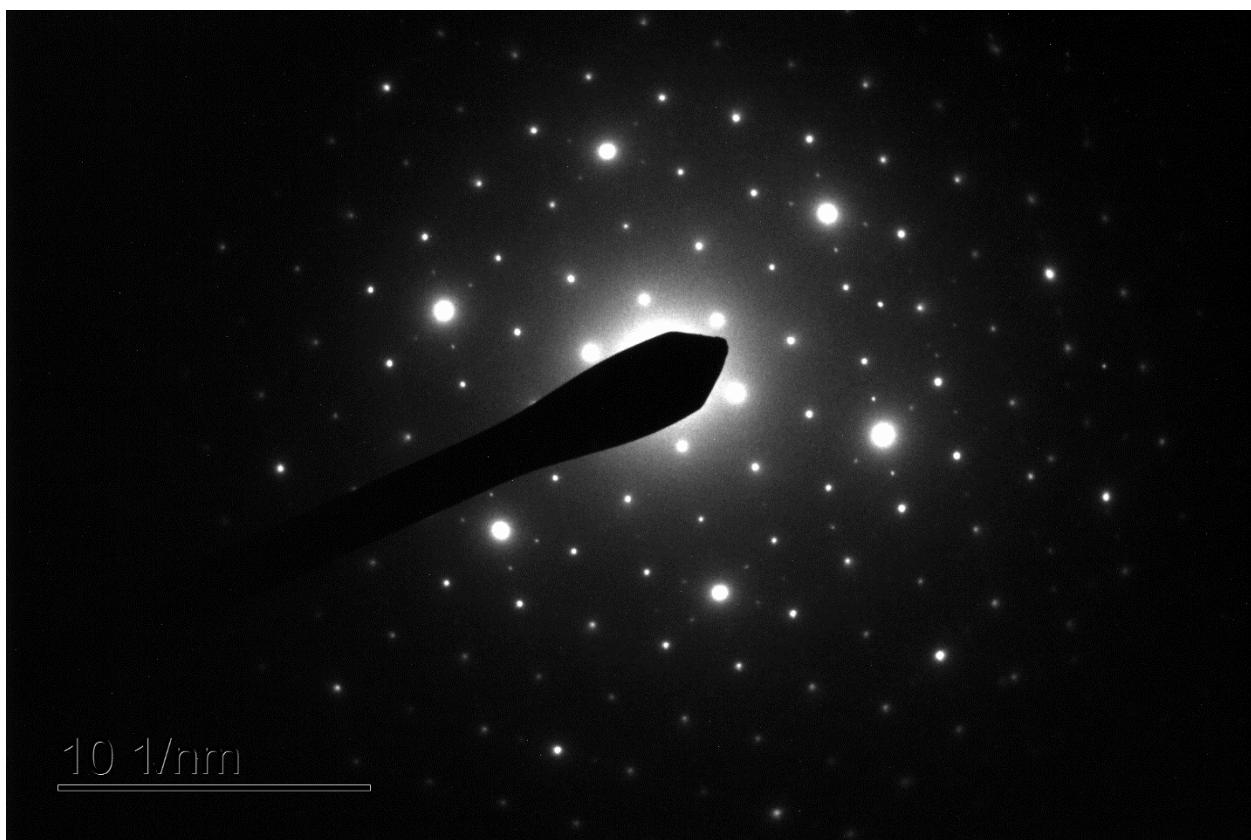
\*e-mail: shirleyn@ufpr.br



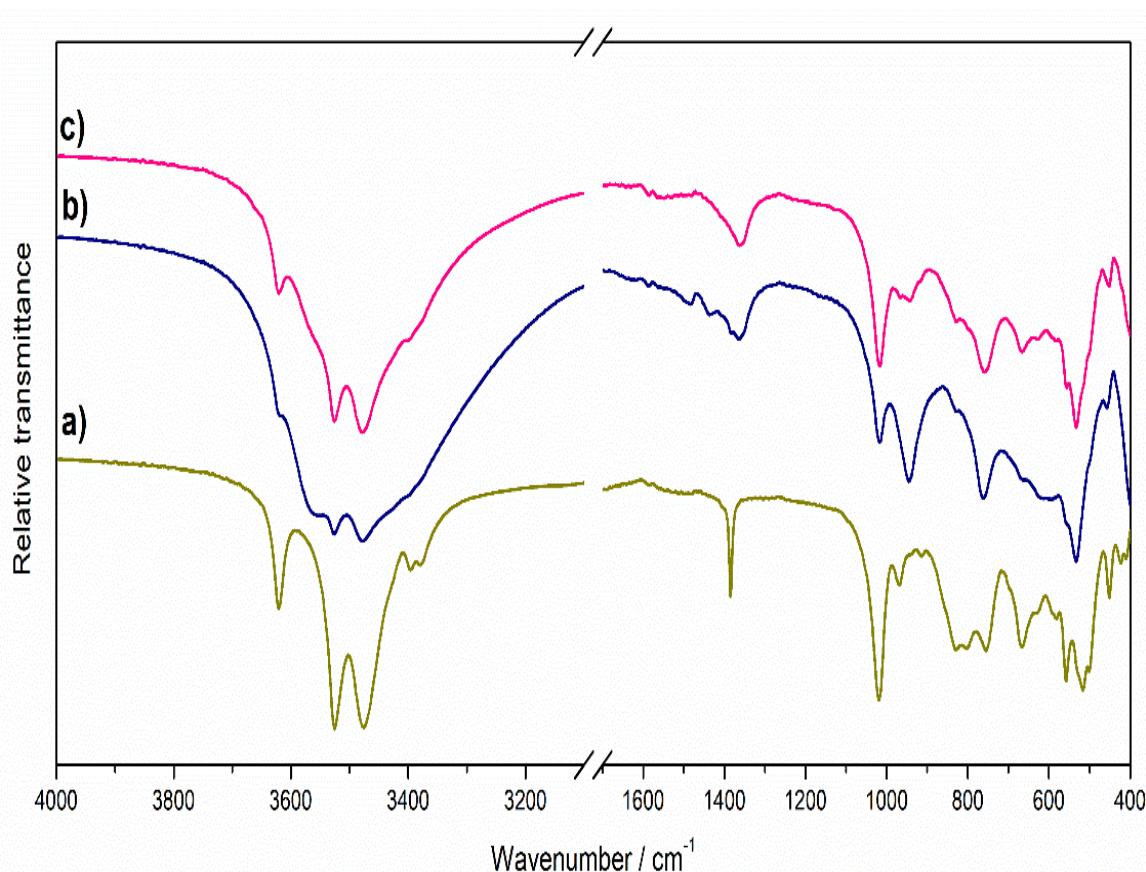
**Figure S2.** SAED spectra of the Gib-7 material.



**Figure S3.** TEM image of the LiAl-4 material.



**Figure S4.** SAED spectra of the LiAl-4 material.



**Figure S5.** FTIR (KBr) spectra of the compounds (a) Gib-7, (b) LiAl-4 and (c) LiAl-4-Por, with all the samples dried in an oven for 3 h at 100 °C before the spectroscopic analysis.



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