

Electronic Supporting Information

Eco-fabrication of Hierarchical Porous Silica Monoliths by Ice-Templating of Rice Husk Ash

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Table ESI-1. Chemical composition (wt. %) and density of rice husk, ARHA and CRHA

	Fe ₂ O ₃	Al ₂ O ₃	Na ₂ O	K ₂ O	SO ₃	P ₂ O ₅	MgO	Other species	SiO ₂	Density (g/cm ³)
RH	0.037	0.28	0.13	0.38	0.083	0.18	0.24	80.4	17.5	---
ARHA	0.0264	0.042	0.081	0.021	0.242	0.047	0.0691	0.902	98.57	1.60
CRHA	0.0359	0.078	0.236	0.321	0.112	0.317	0.297	2.474	96.45	2.57

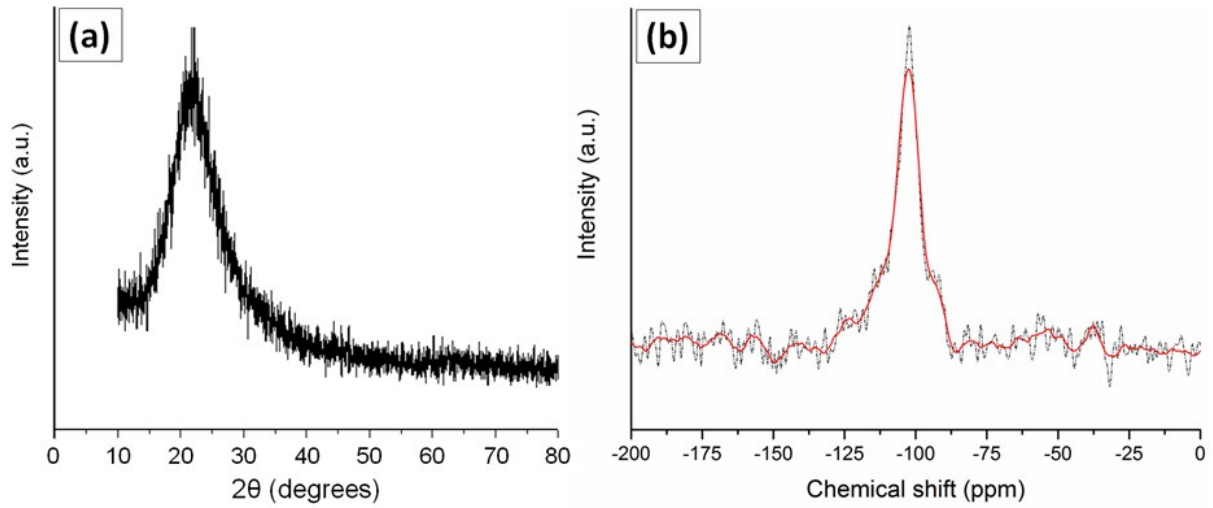


Figure ESI-1. a) XRD pattern and b) Si-NMR of amorphous silica.

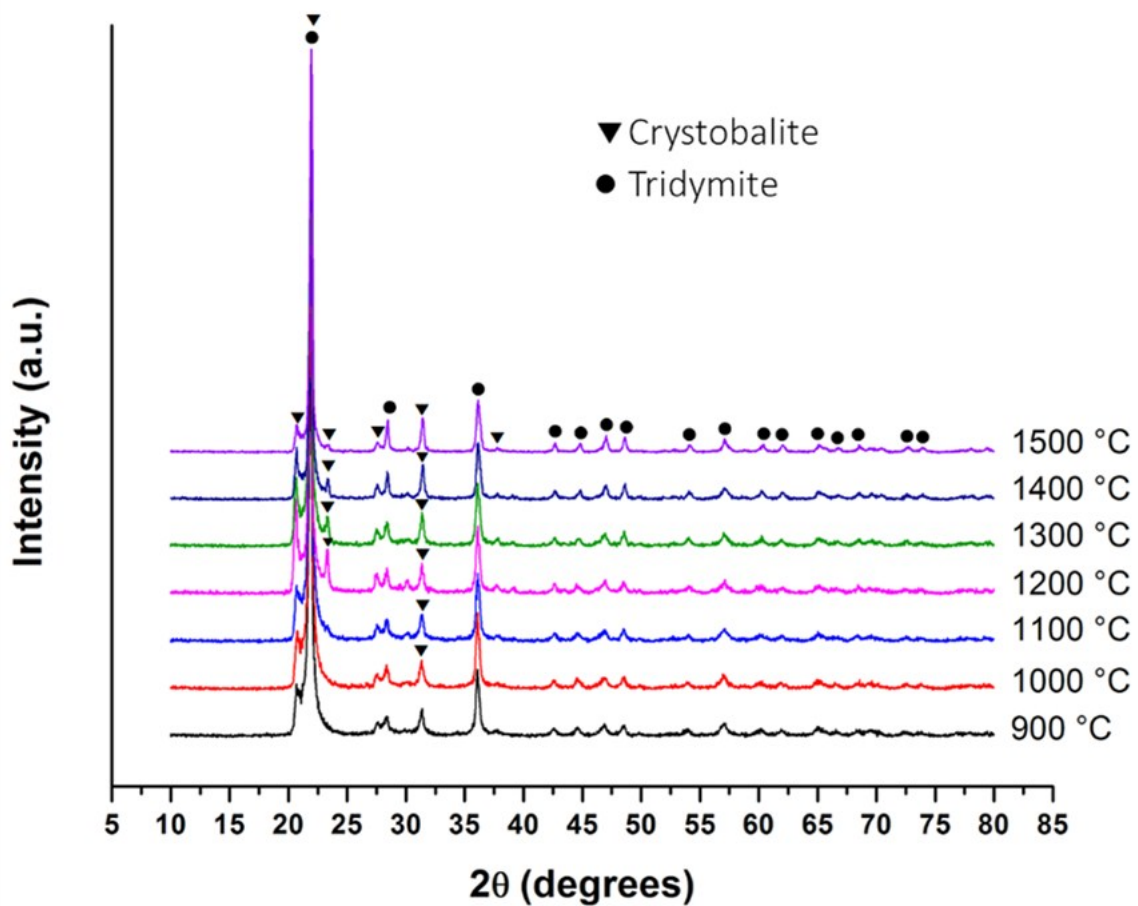


Figure ESI-2. XRD patterns of amorphous and crystalline rice husk ash (CRHA) after heat-treatment at under air for 2 hours.