

Supporting information

A strategic synthesis of orange waste-derived porous carbon via Freeze-drying method: Morphological characterization and Cytocompatibility evaluation

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EDS Layered Image 1

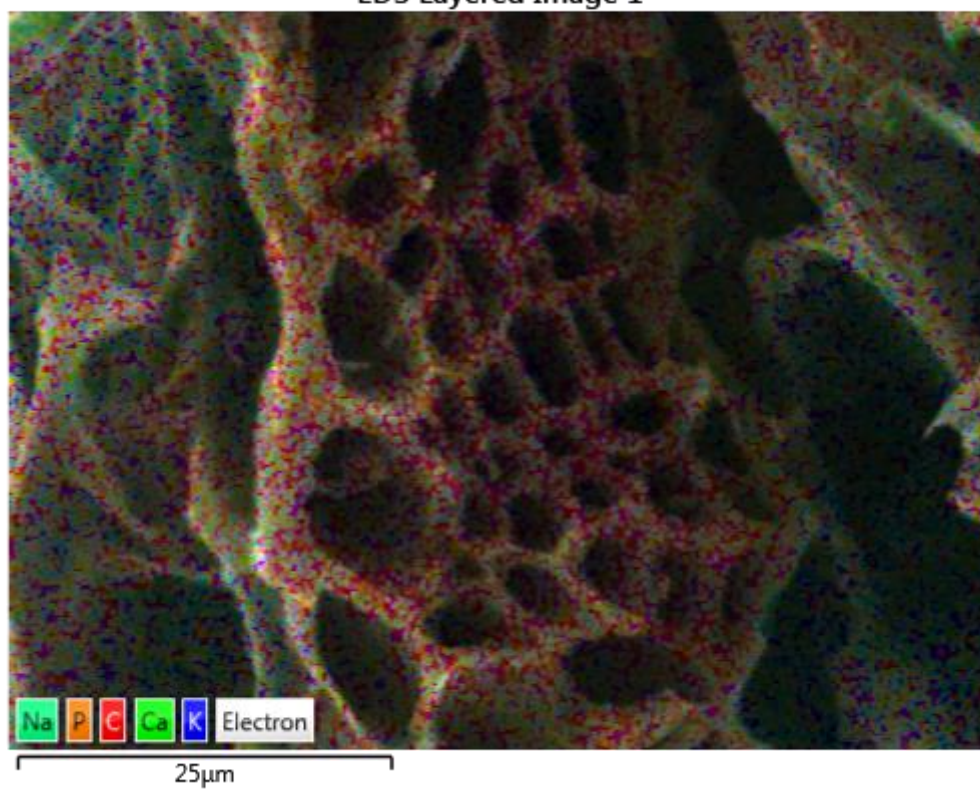


Figure S1. EDS Elemental mapping of OWPC

Mg K α 1_2

Na K α 1_2

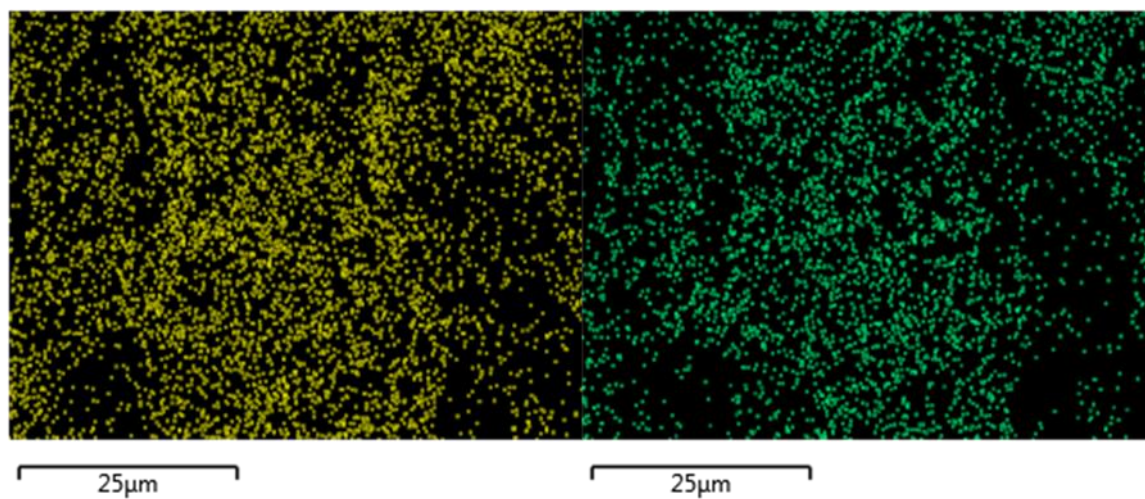


Figure S2. EDS Element mapping of Mg and Na, respectively.

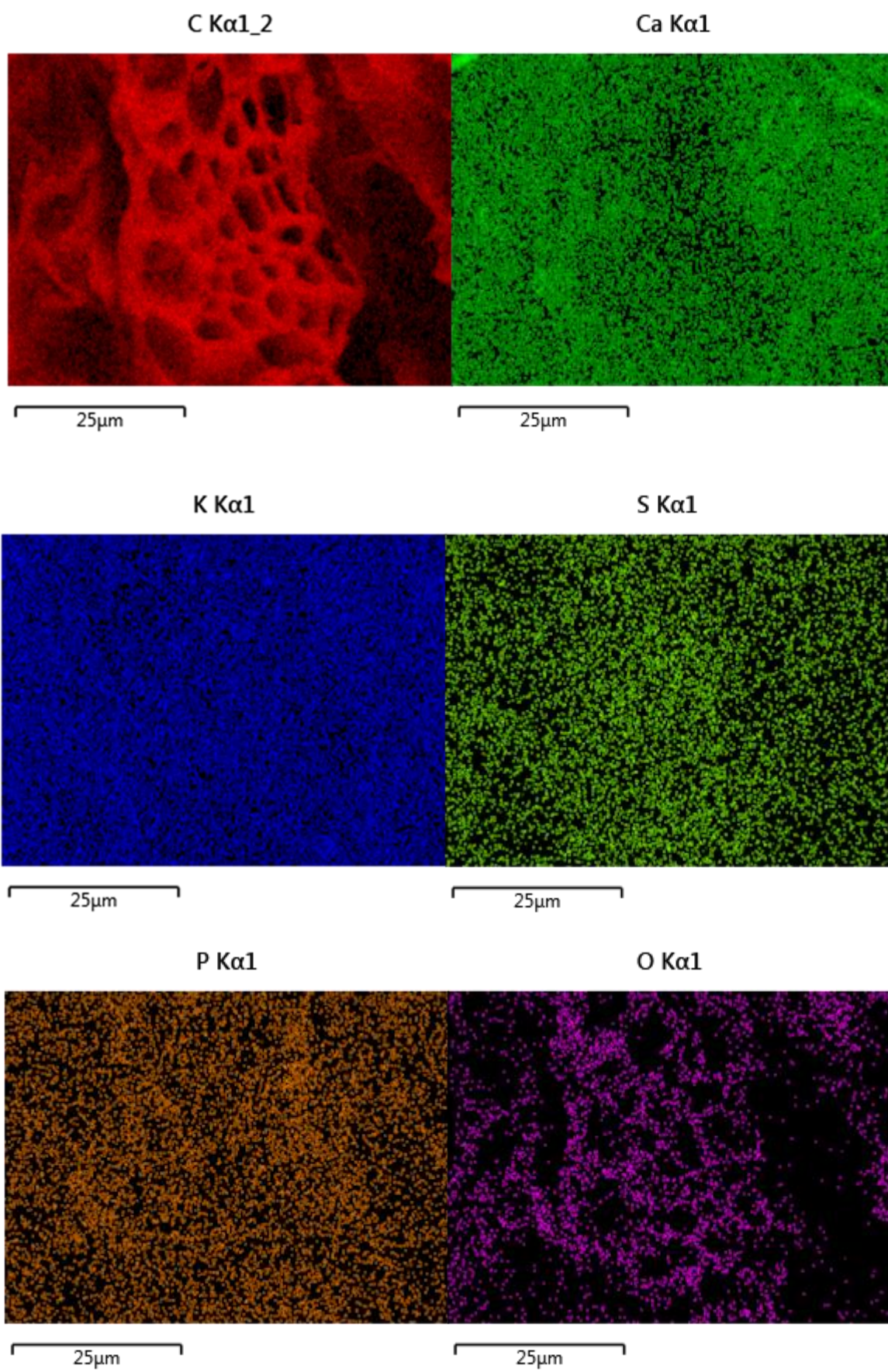


Figure S3. EDS Element mapping of C, Ca, K, S, P, O, respectively.

Table S1. EDS elemental quantitative analysis

Map Sum Spectrum	Wt%	Wt% Sigma
C	84.38	0.22
O	5.27	0.20
Na	0.12	0.03
Mg	0.25	0.02
P	0.60	0.03
S	0.46	0.03
K	4.93	0.06
Ca	4.00	0.06
Total	100.00	

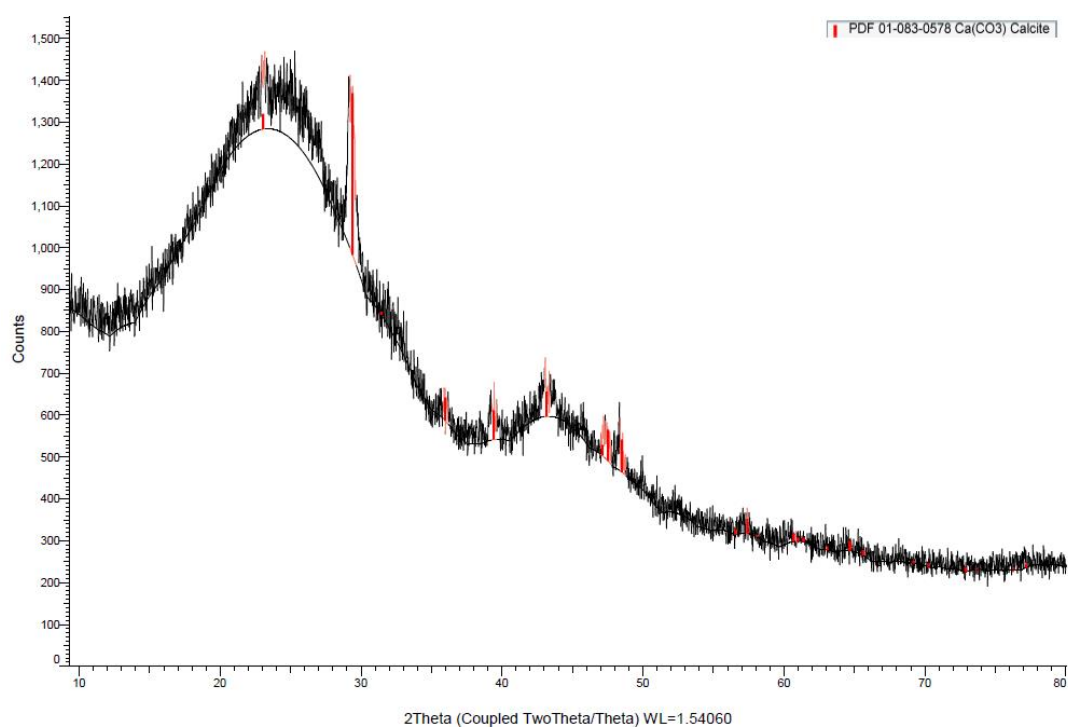


Figure S4. XRD fitting of Calcite phase.

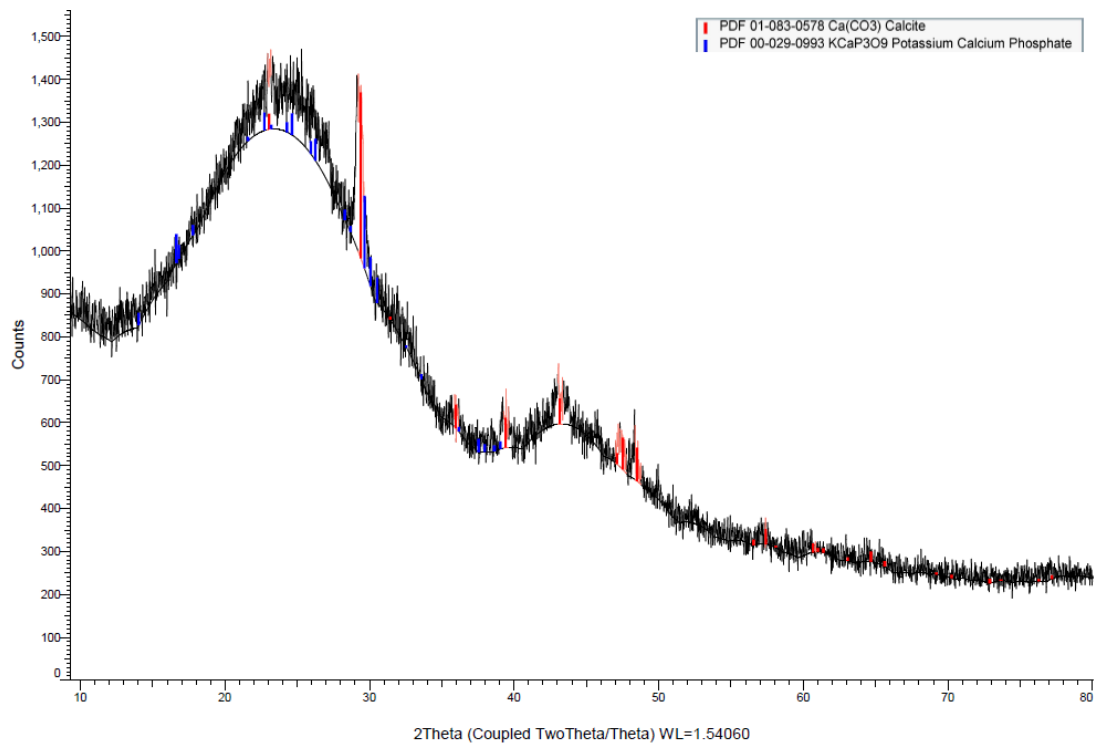


Figure S5. XRD fitting of Calcite and Potassium Calcium Phosphate phase.