

Materials List for:

Preparation of Biomass-based Mesoporous Carbon with Higher Nitrogen-/Oxygen-chelating Adsorption for Cu(II) Through Microwave Pre-Pyrolysis

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Materials

Name	Company	Catalog Number	Comments
All chemicals and reagents (phosphoric acid, etc.)	Nanjing Chemical Reagent Co., Ltd		Analytical grade
Electric furnace	Luoyang Bolaimaite Experiment Electric Furnace Co., Ltd		
Microwave oven	Nanjing Yudian Automation Technology Co., Ltd		2.45 GHz frequency
Surface-area and porosimetry analyzer	Beijing Gold APP Instrument Co., Ltd		Vc-Sorb 2800TP
Fourier transform infrared (FTIR) spectrometer	Nicolet		6700
Flame atomic absorption spectrophotometry	Beijing Purkinje General Instrument Corporation		A3
Element Analyzer	Germany Heraeus Co.		CHN-O-RAPID