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Supporting Information:

Natural Carbonized Sugar as a Low-temperature Ammonia Sensor Material: Experimental, Theoretical and Computational Studies

Balaji G. Ghule, Shoyebmohamad Shaikh, Satish U. Ekar, Umesh Nakate, Krishna Chaitanya Gunturu, Nanasaheb M. Shinde, Mu. Naushad, Kwang Ho Kim, Colm O'Dwyer, and Rajaram S. Mane

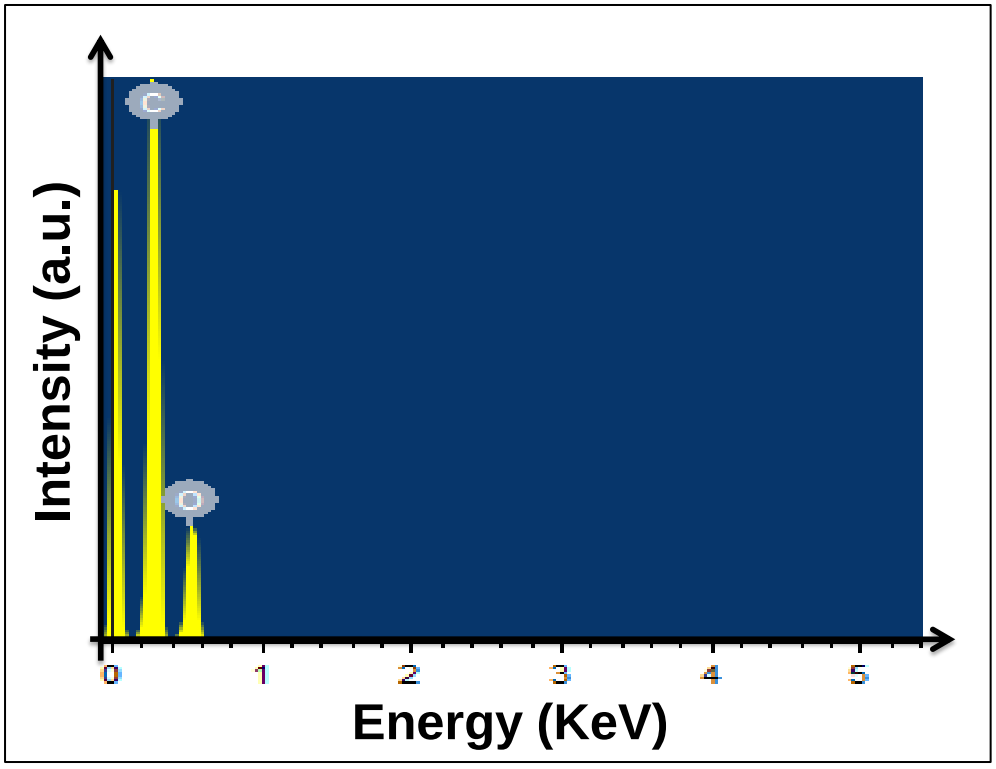


Figure S1: EDX analysis of CS sample showing presence of only carbon and oxygen without any other impurities.

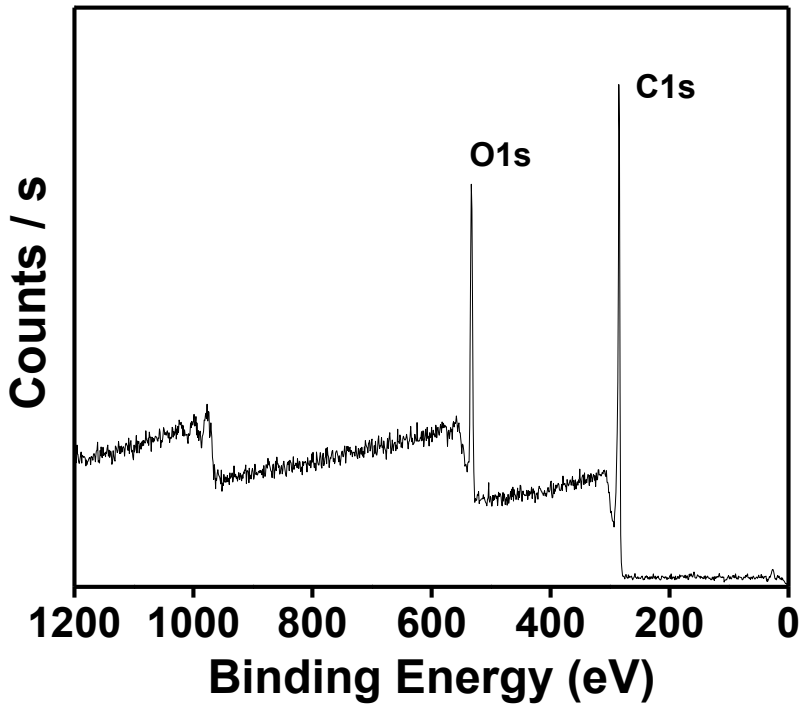


Figure S2: XPS survey of CS sample showing presence of only carbon and oxygen without any other impurities.

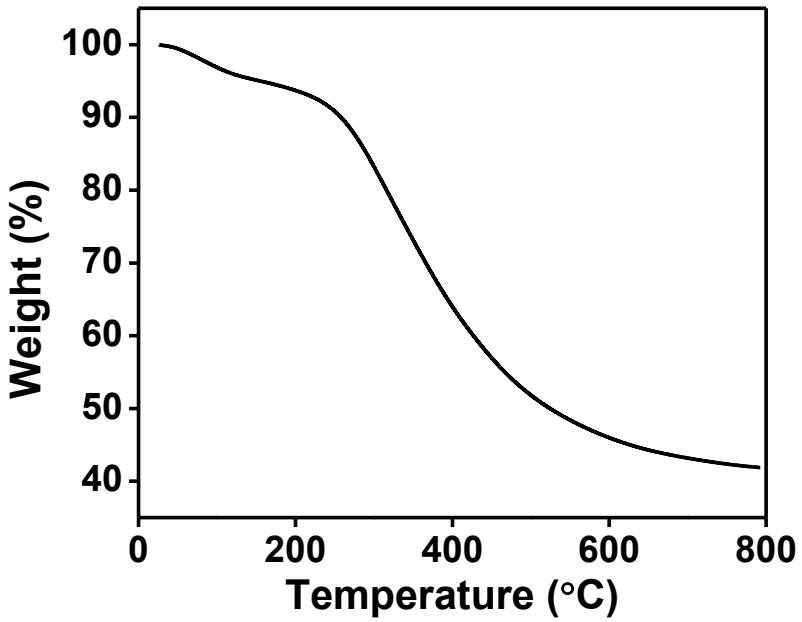


Figure S3: TGA of CS sample showing loss of material with respect to temperature.