Supporting Information:

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

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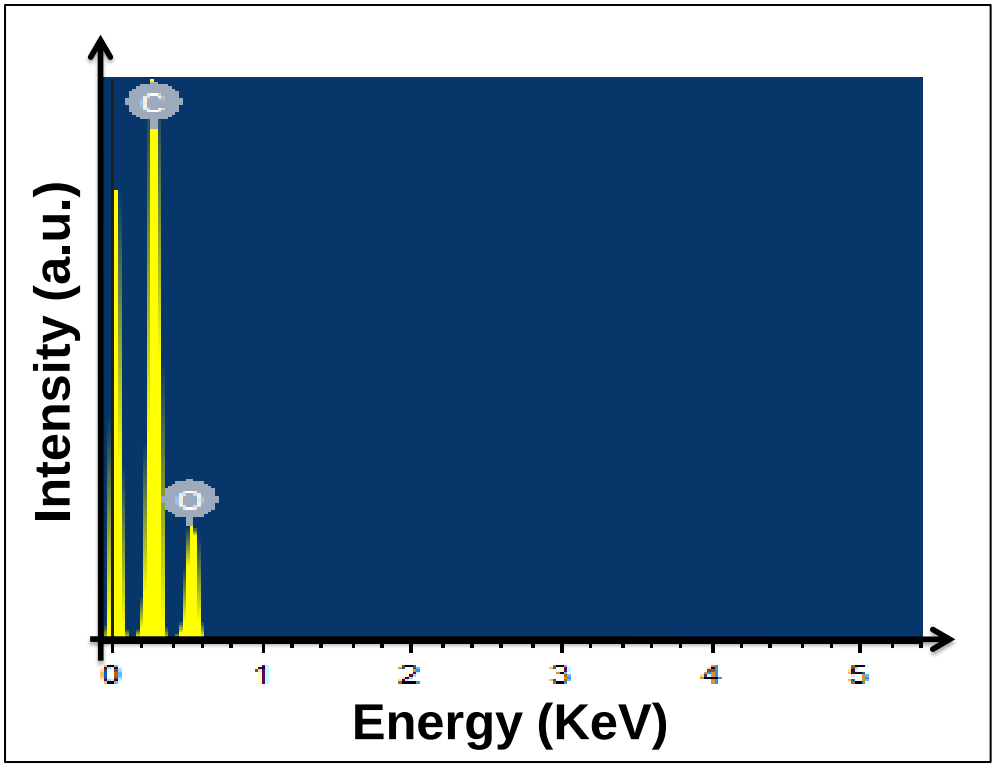

Figure S1: EDX analysis of CS sample showing presence of only carbon and oxygen without any other impurities.

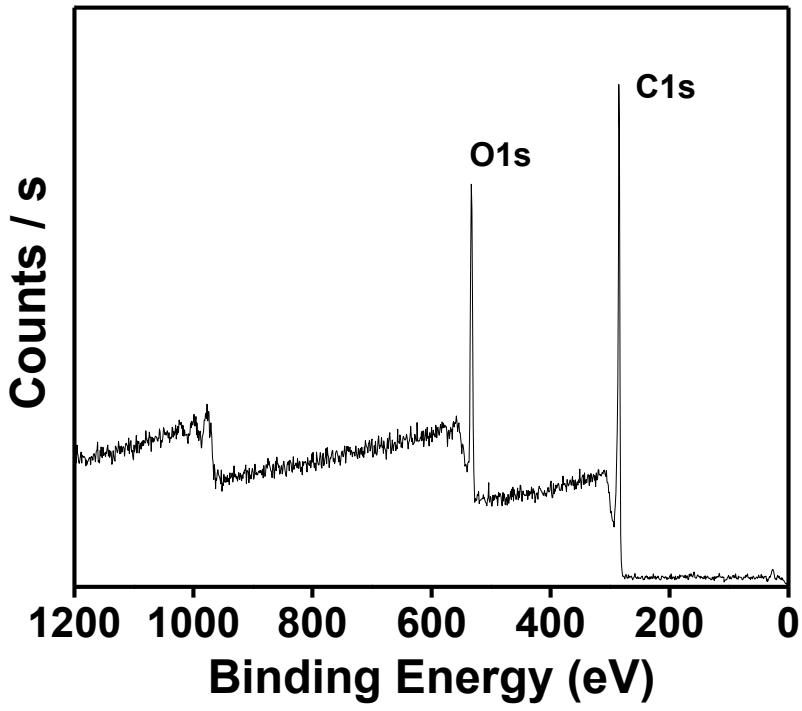

Figure S2: XPS survey of CS sample showing presence of only carbon and oxygen without any other impurities.

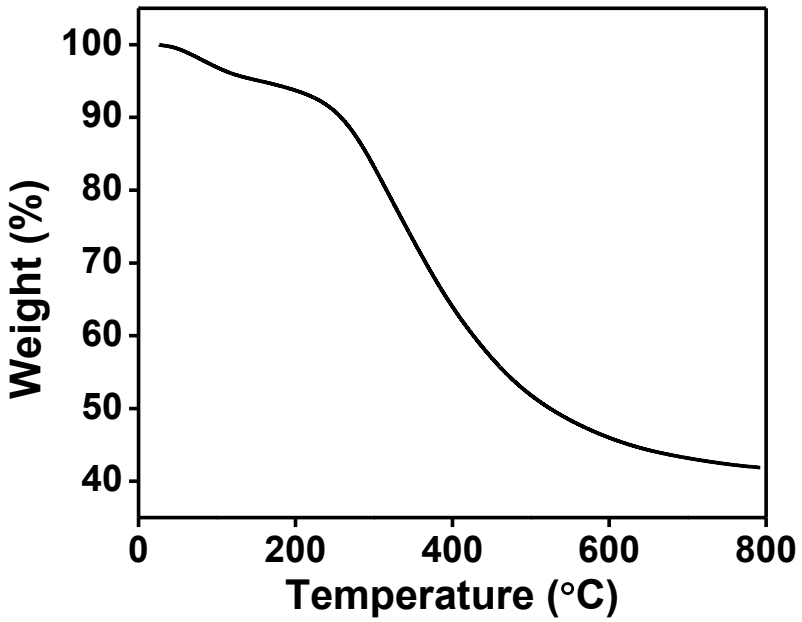

Figure S3: TGA of CS sample showing loss of material with respect to temperature.