

Hydrogel Beads of Amidoximated Starch and Chitosan as Efficient Sorbents for Inorganic and Organic Compounds

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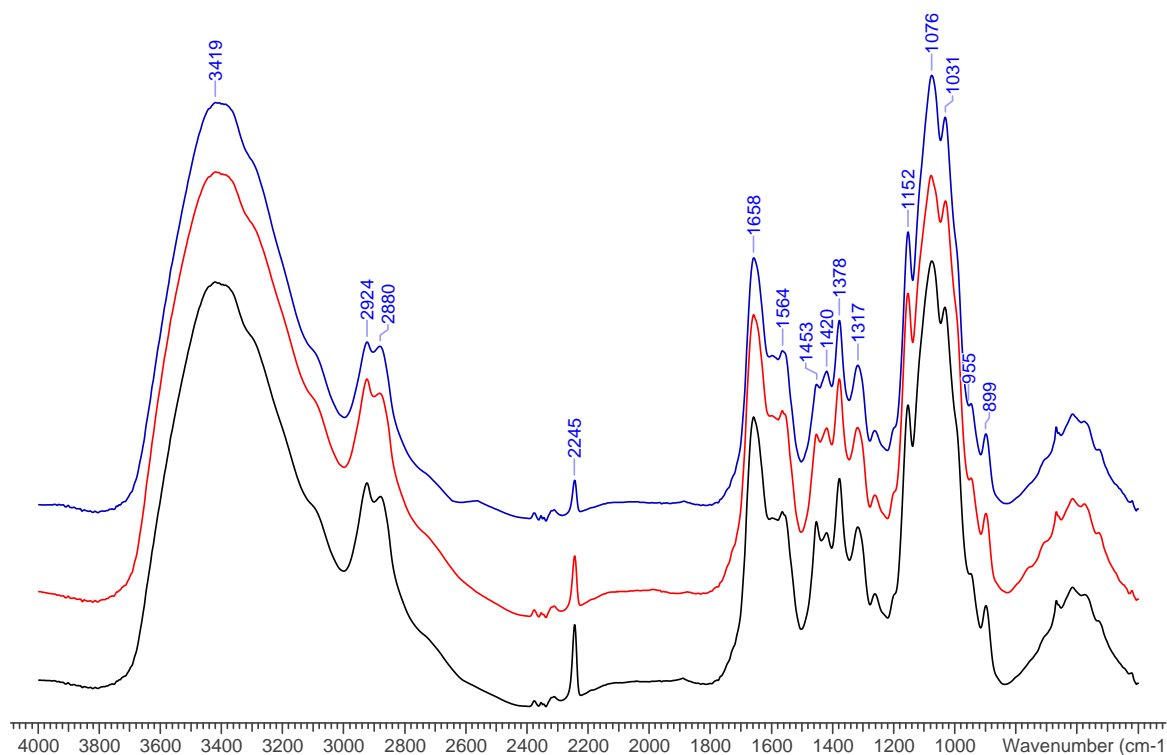


Figure S1. FTIR spectra of CS/SgAN (PS—black, WS—red, RS—blue).

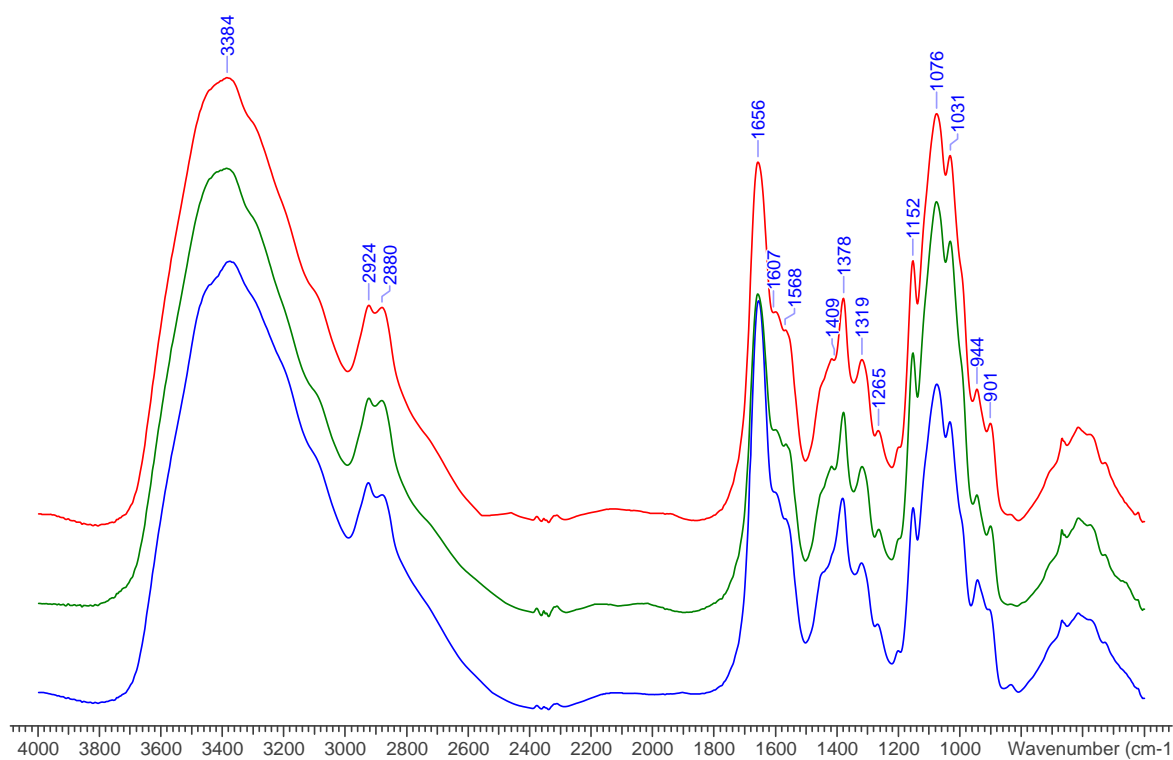


Figure S2. FTIR spectra of CS/SgAN-Ax (PS—black, WS—red, RS—blue).

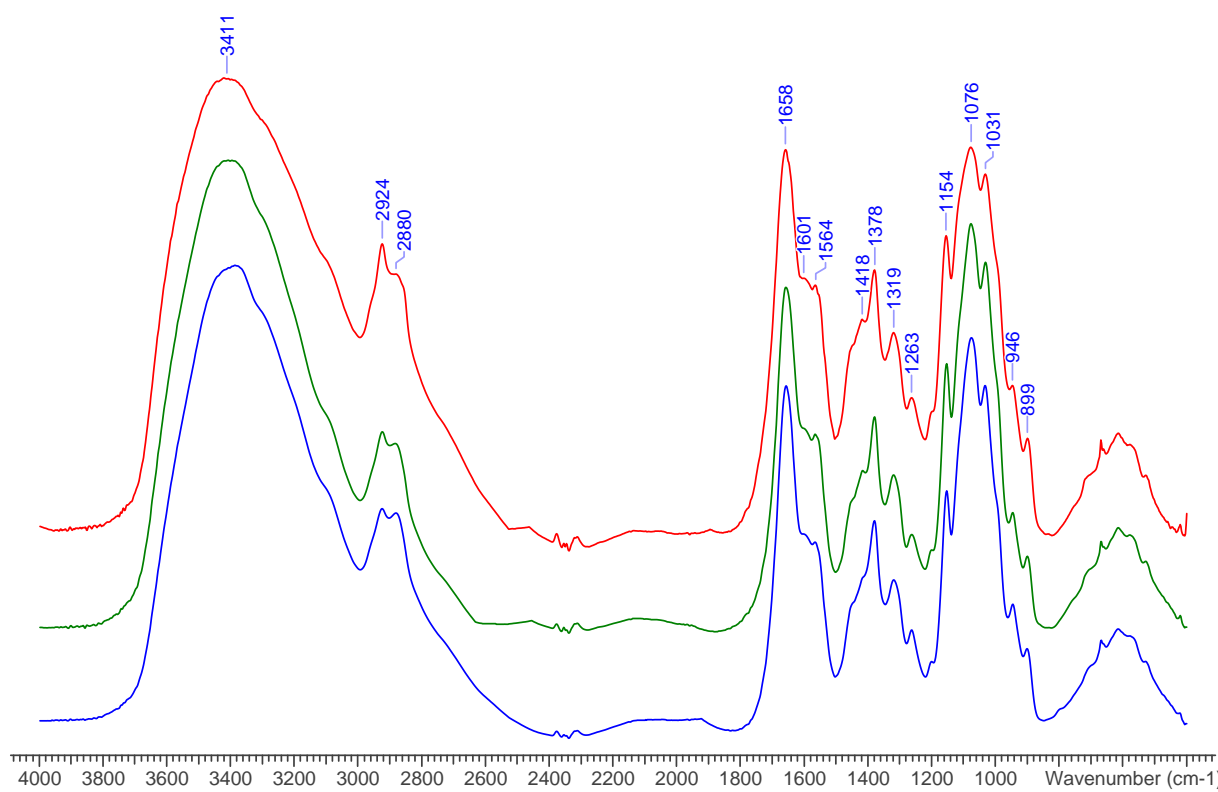


Figure S3. FTIR spectra of CS/SgAx (PS—black, WS—red, RS—blue).

Table S1. FTIR spectra deconvolution detailed in the region 1800–1500 cm⁻¹.

Sample	Wavelength, cm ⁻¹	Peak hight	Peak area
CS/PSgAx	1732	0.01	1.2
	1653	0.09	9.3
	1591	0.01	0.53
	1557	0.036	2.31
CS/WSgAx	1720	0.03	2.71
	1650	0.12	11.10
	1595	0.01	0.47
	1559	0.05	3.59
CS/RSgAx	1733	0.02	1.1
	1654	0.11	11.0
	1593	0.01	0.52
	1559	0.04	2.99
CS/PSgAN-Ax	1723	0.01	0.80
	1666	0.08	5.27
	1633	0.03	1.21
	1597	0.07	4.18
	1551	0.03	1.84
CS/WSgAN-Ax	1709	0.02	1.99
	1660	0.07	4.82
	1632	0.01	0.41
	1597	0.06	4.07
	1548	0.02	1.29
CS/RSgAN-Ax	1715	0.02	1.48
	1660	0.07	5.58
	1629	0.02	0.97
	1597	0.03	1.32
	1558	0.03	2.35