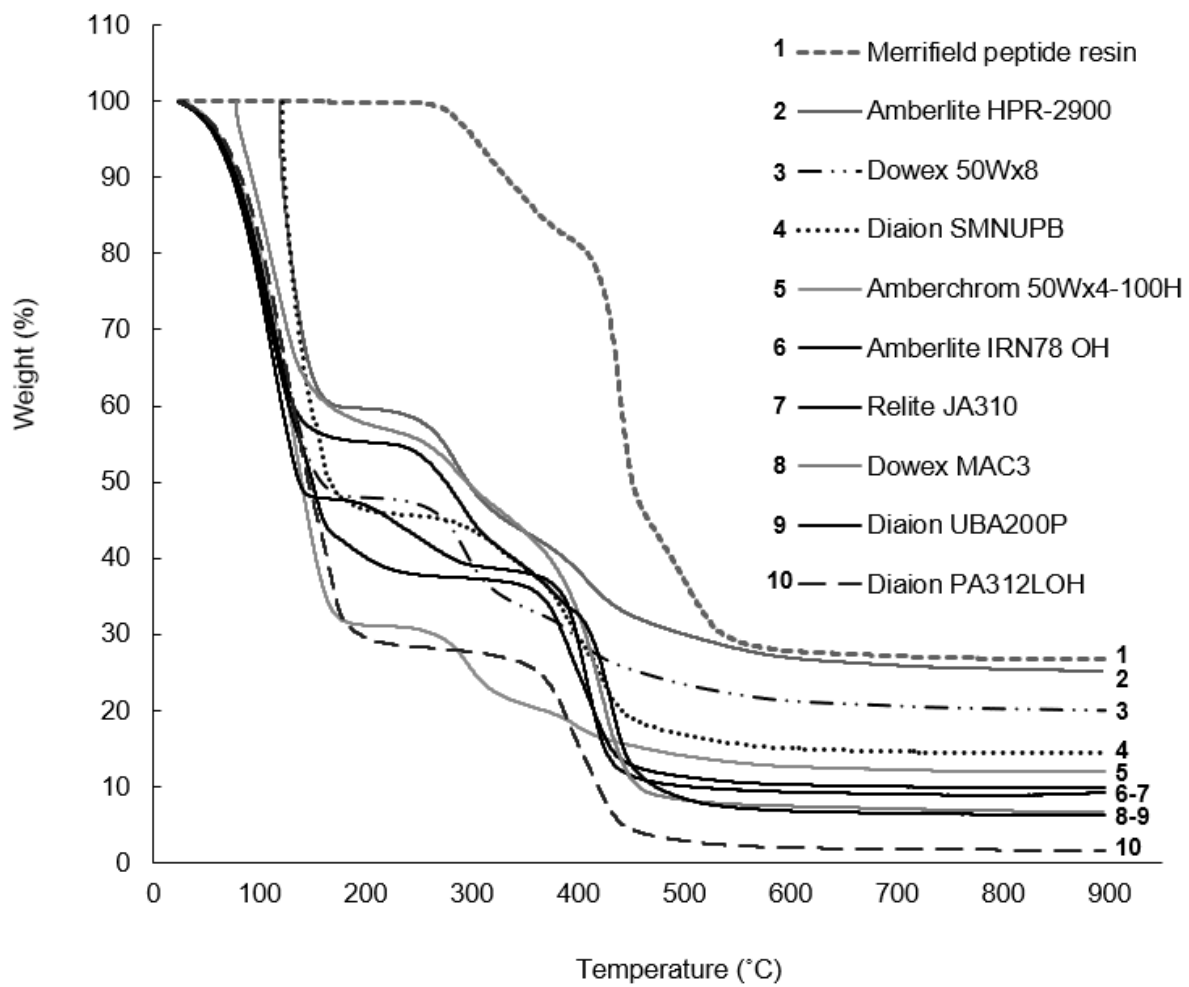


**Fig. 1**

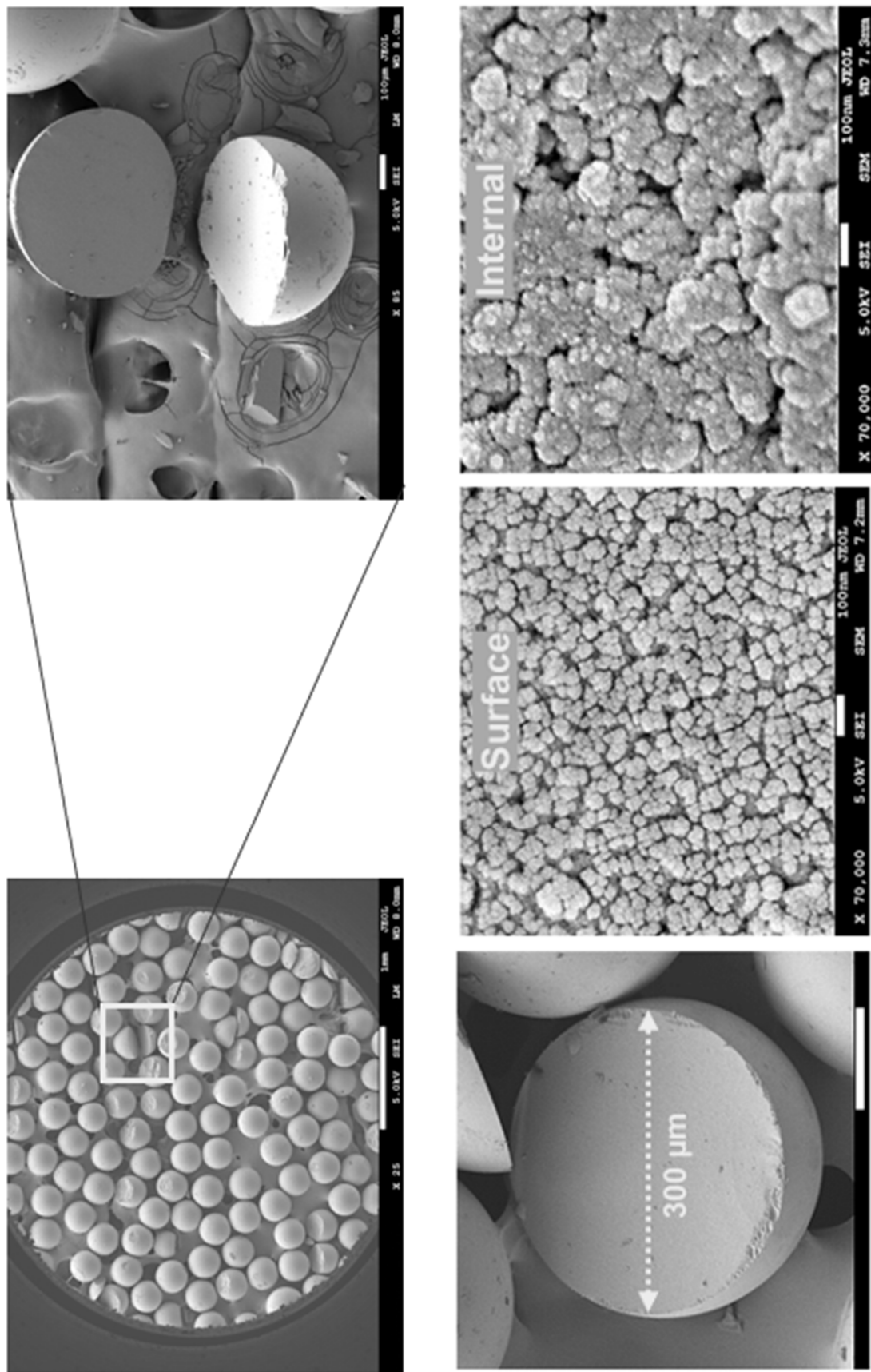
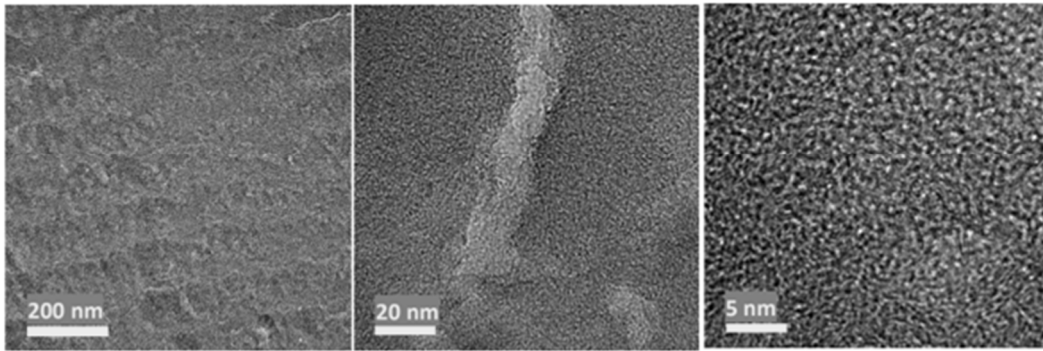
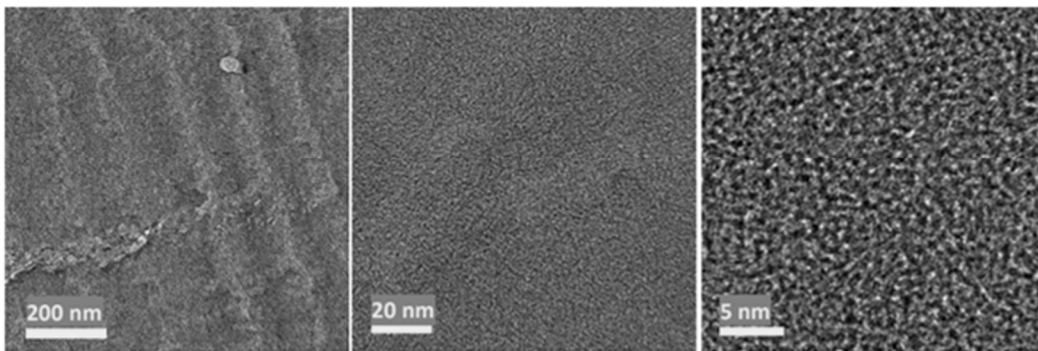
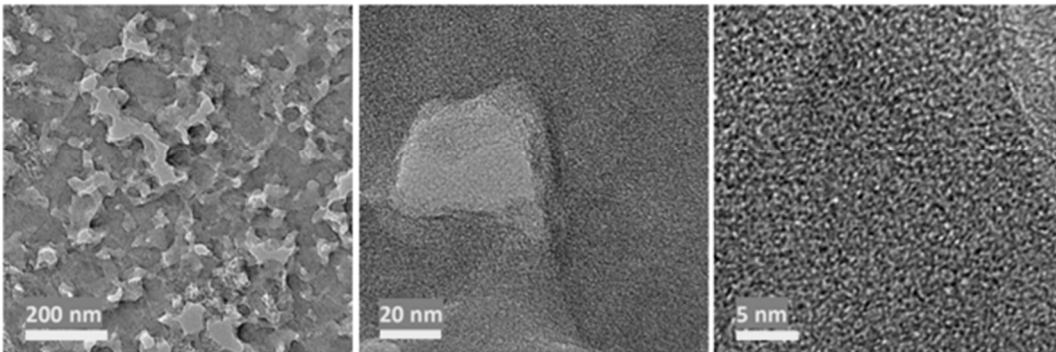
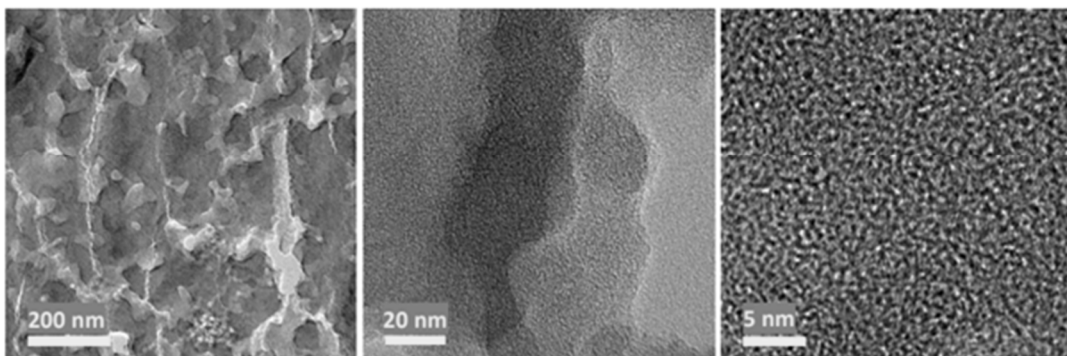
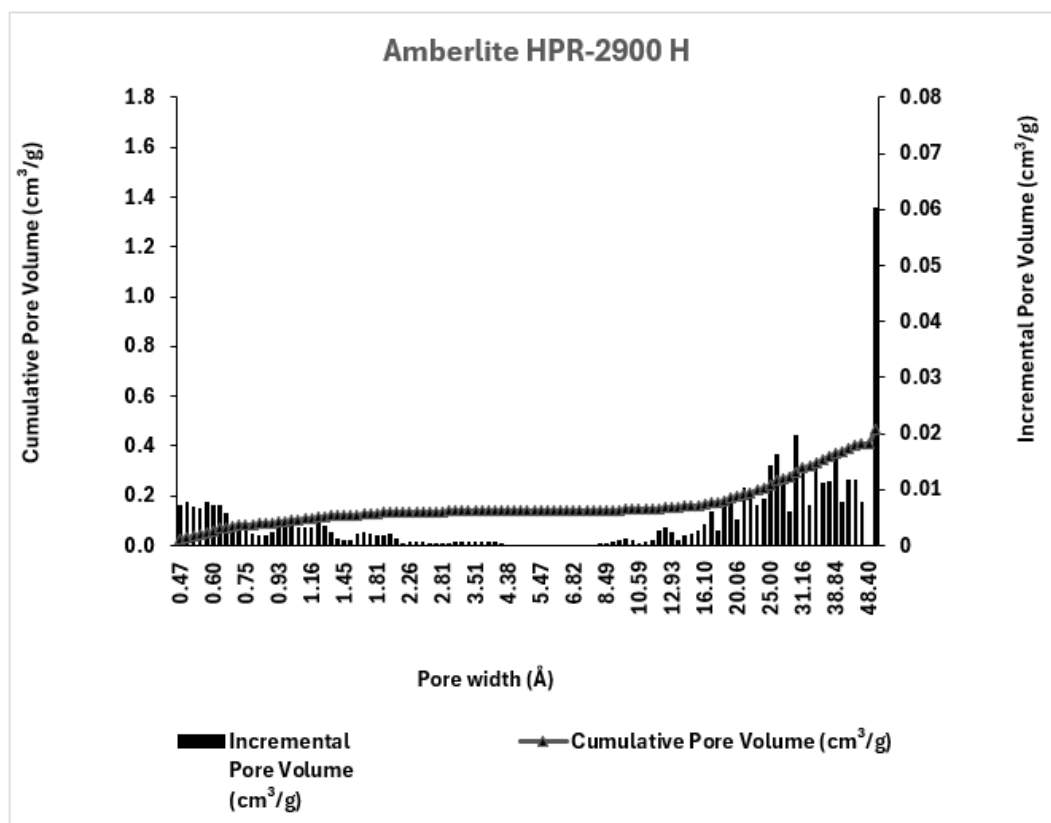


Fig. 3

(A)**(B)****(C)****(D)****Fig. 4**

(A)



(B)

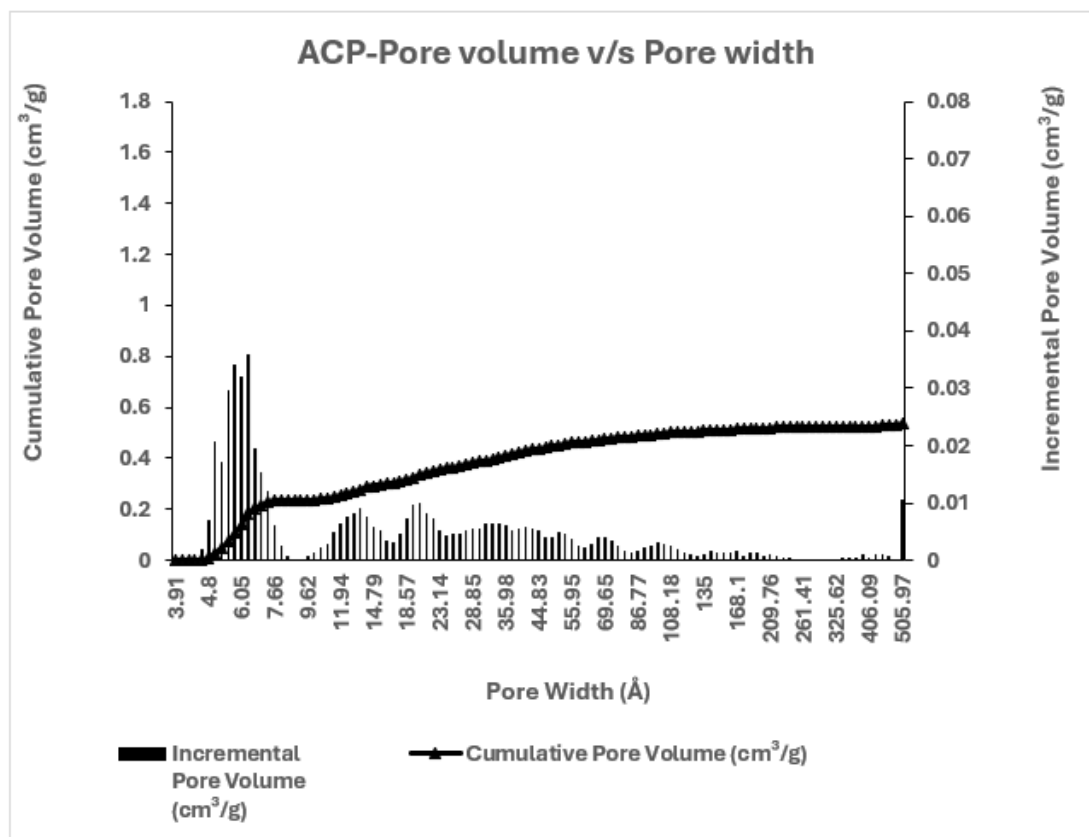
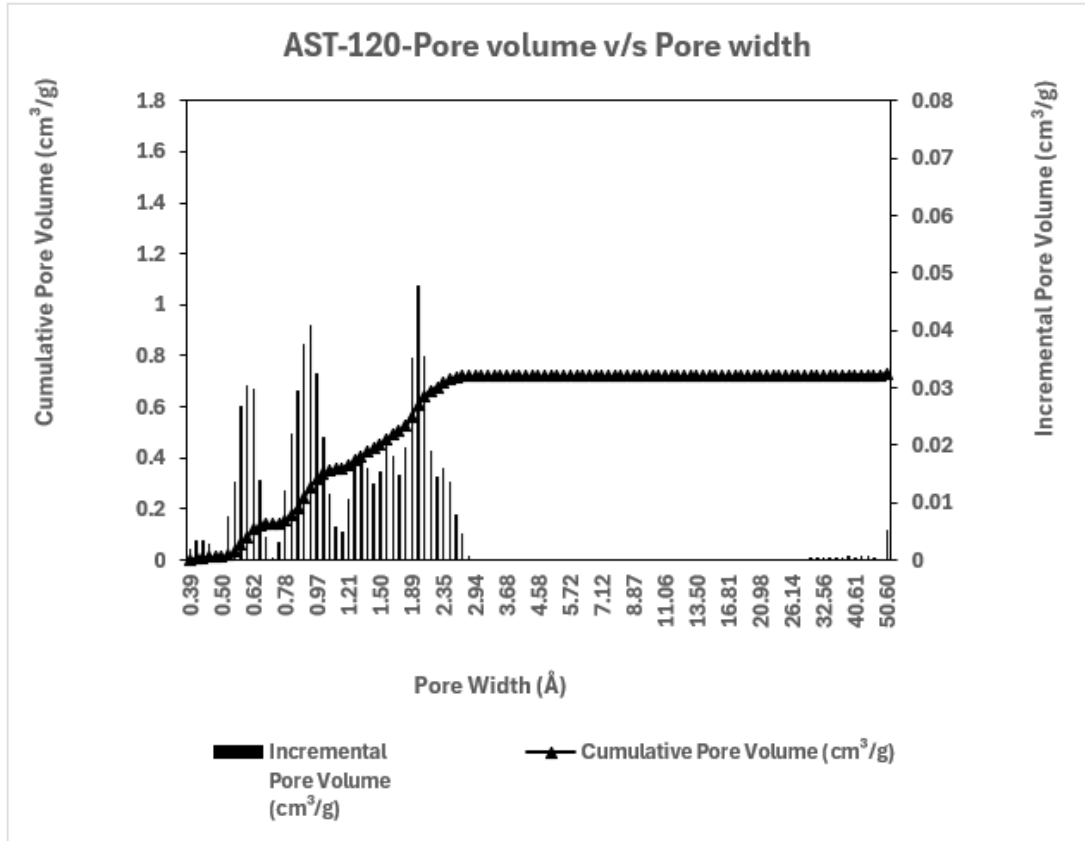


Fig. 5

(C)



(D)

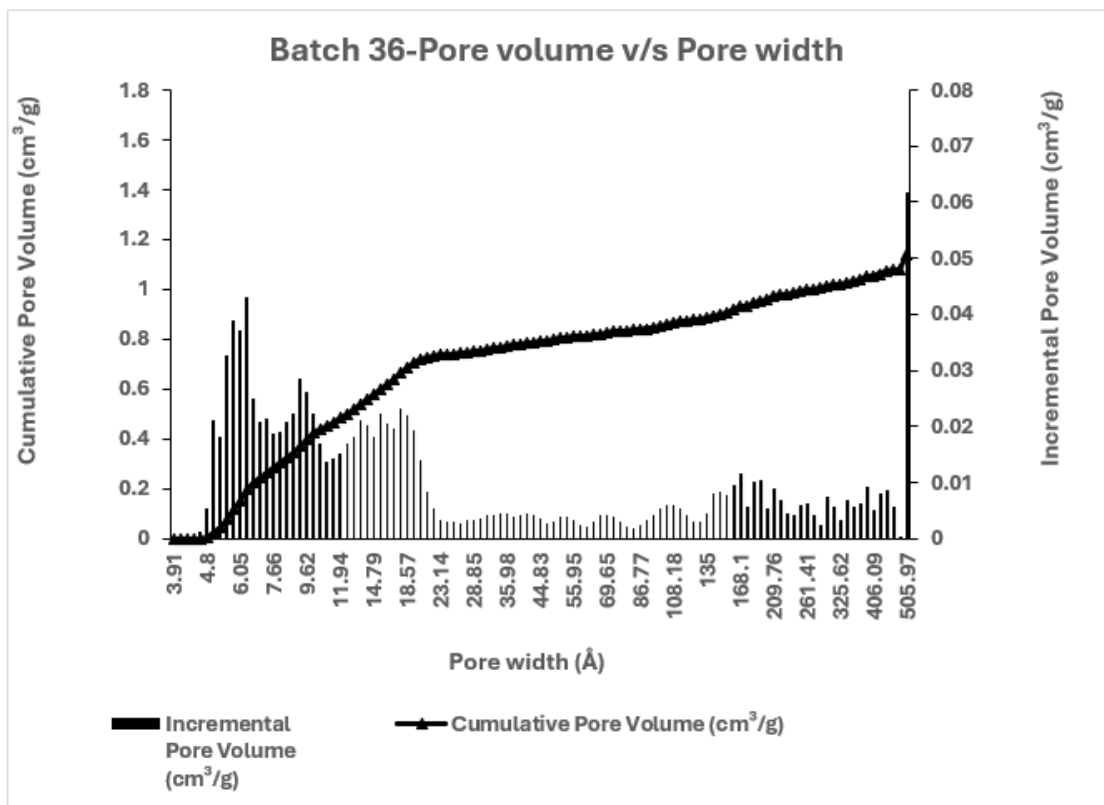


Fig. 5 (Cont.)

(E)

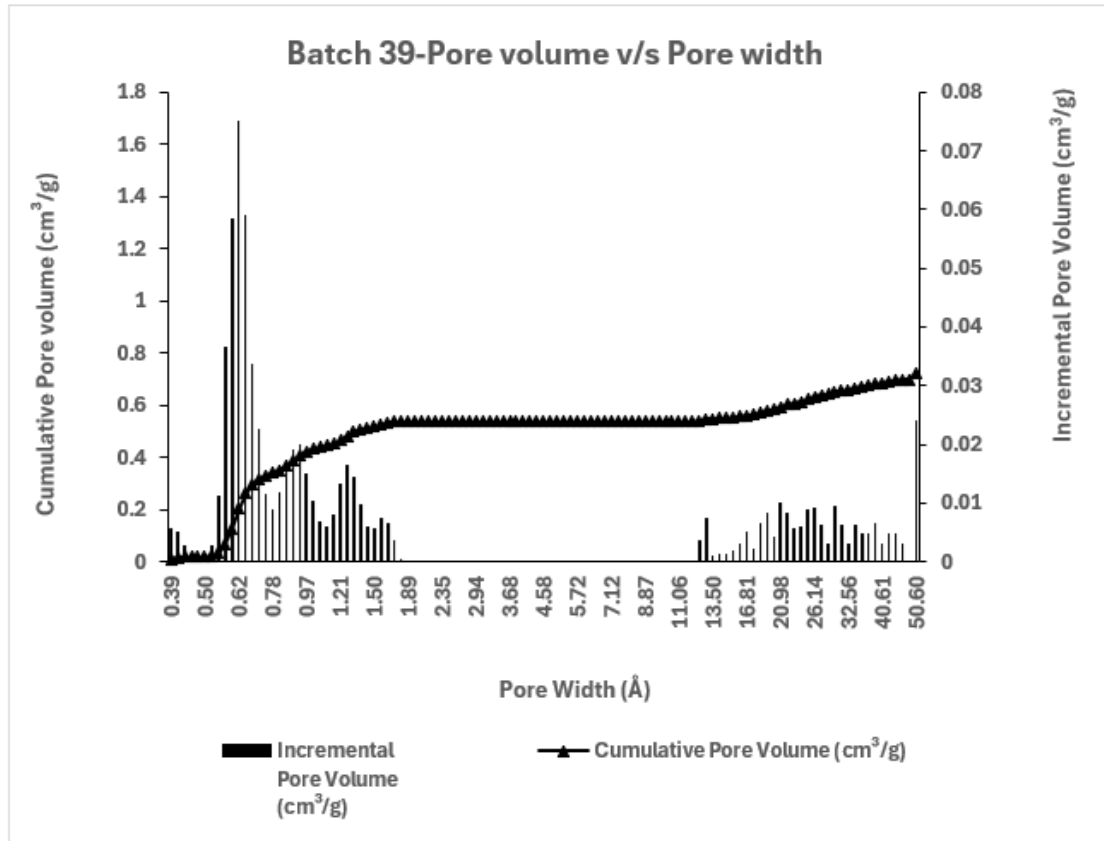


Fig. 5 (Cont.)

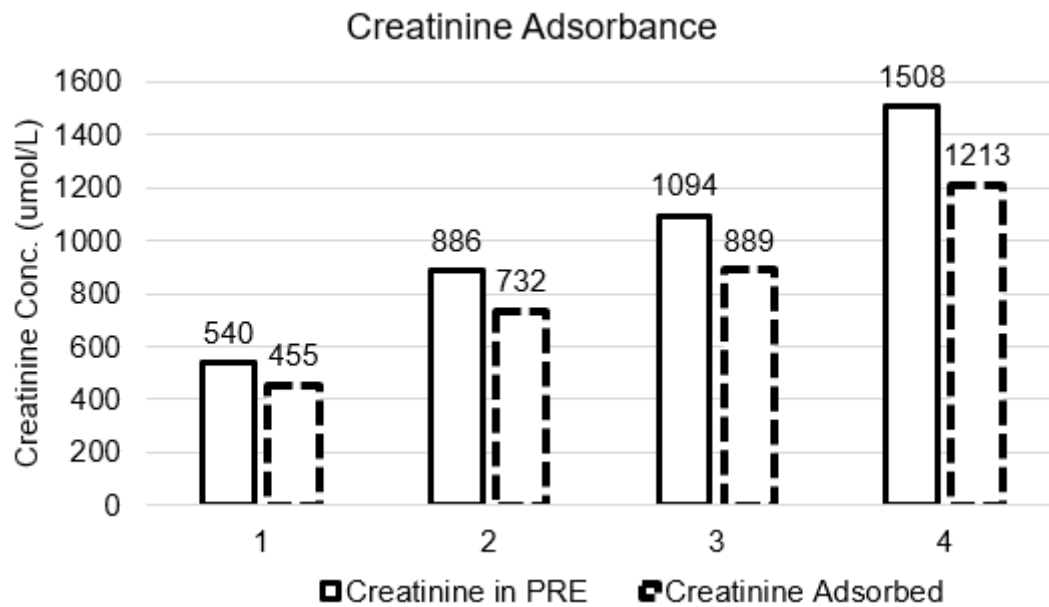


Fig. 6

(A)

Sample Volume (mL)	PRE_SD (mmol) (500 mg)	Crea adsorbed after 6 h
50	87.4	123.6 mg
75	56.5	126.5 mg
100	41.6	108.2 mg
150	30.2	114.2 mg
200	21.4	70.1 mg
300	14.2	84.5 mg

(B)

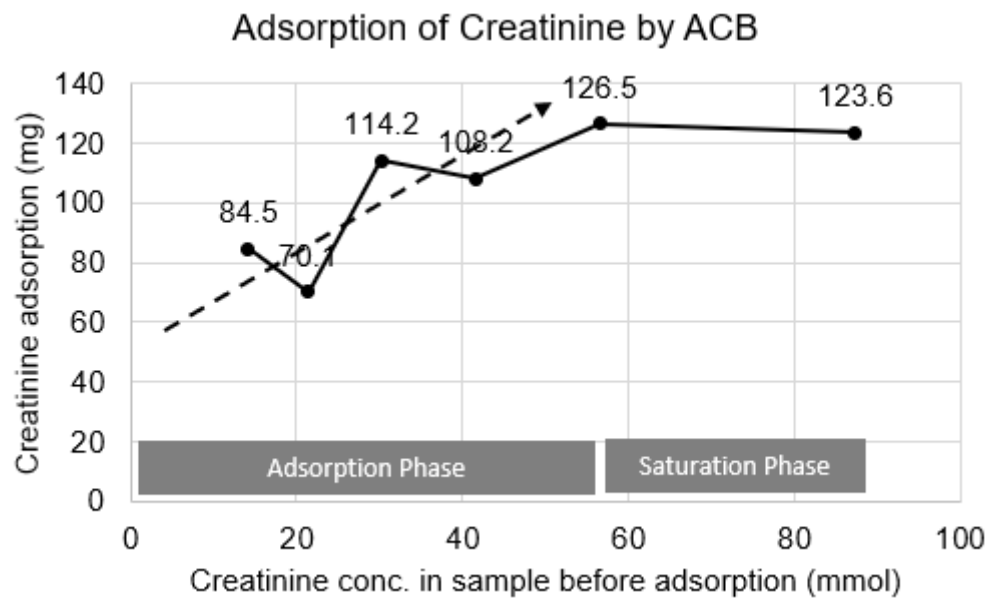


Fig. 7

(A)

Sample Volume (mL)	PRE_SD (mmol) (500 mg)	Creatinine adsorbed after 2 h (mg)	Creatinine adsorbed after 6 h (mg)	Creatinine adsorbed after 24 h (mg)
50	A (87.4 mmol)	84.7 mg	123.6 mg	136.2 mg
75	B (56.5 mmol)	81.4 mg	126.5 mg	110.6 mg
100	C (41.6 mmol)	58.9 mg	108.2 mg	113.0 mg
150	D (30.2 mmol)	67.9 mg	114.2 mg	96.0 mg
200	E (21.4 mmol)	60.7 mg	70.1 mg	93.5 mg
250	F (17.6 mmol)	51.1 mg	105.1 mg	113.6 mg
300	G (14.2 mmol)	31.7 mg	84.5 mg	95.1 mg

(B)

Effect of Duration on Creatinine Adsorption

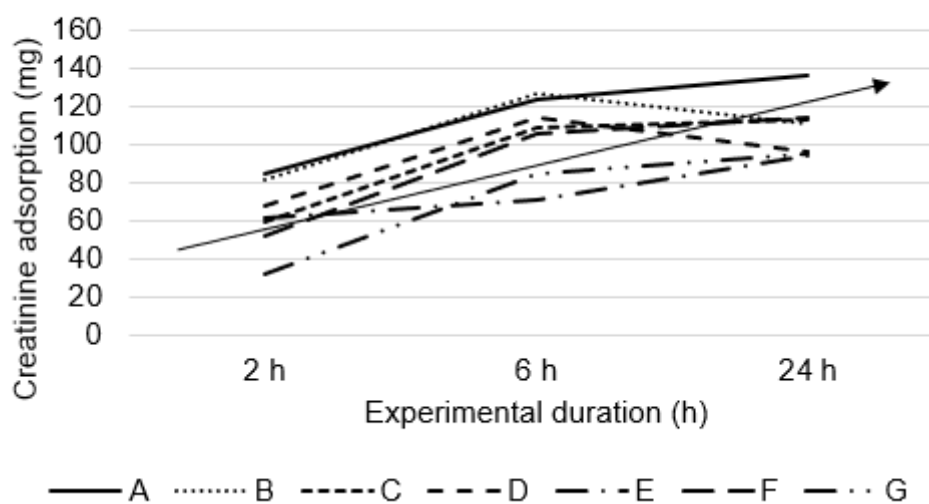


Fig. 8

(C)

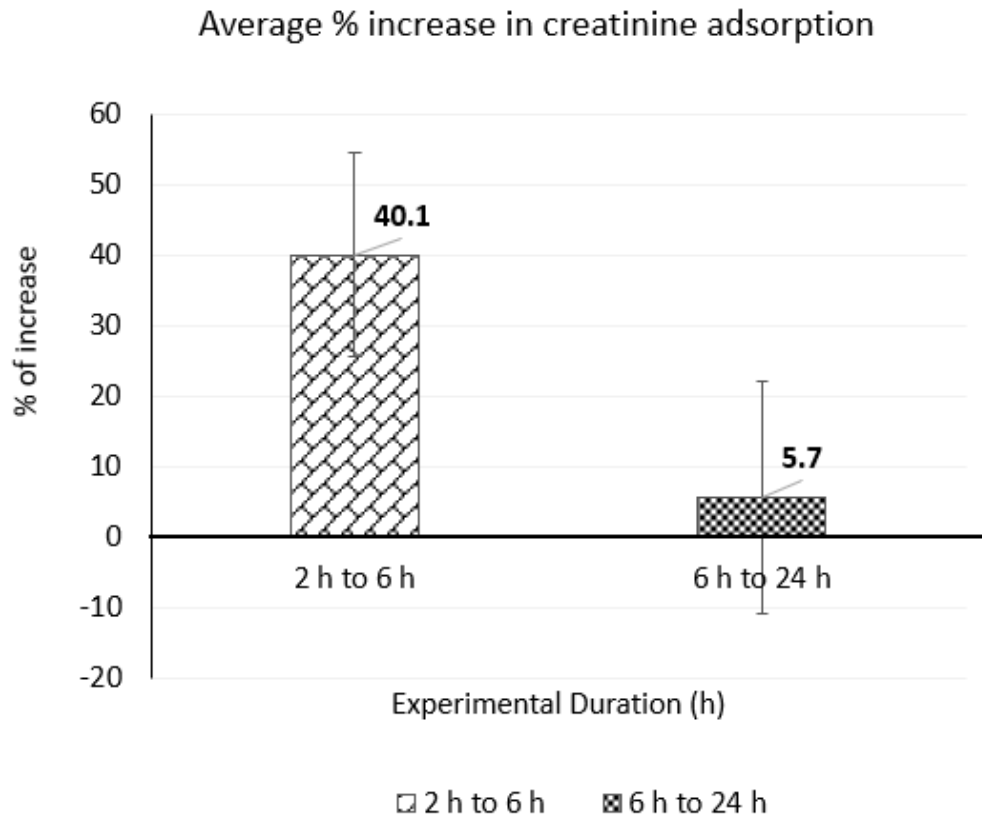


Fig. 8 (Cont.)

(A)

Sample Volume (mL)	PRE_SD (mmol) (500 mg)	Crea adsorbed after 1 h (mg)	Crea adsorbed after 3 h (mg)	Crea adsorbed after 6 h (mg)
50 (pH = 1)	80.4	49.8	37.3	20.5
50 (pH = 3)	81.4	59.6	55.3	80.5
50 (pH = 5)	79.9	70.5	75.1	72.6

Fig. 9

Effect of pH on creatinine removal

(B)

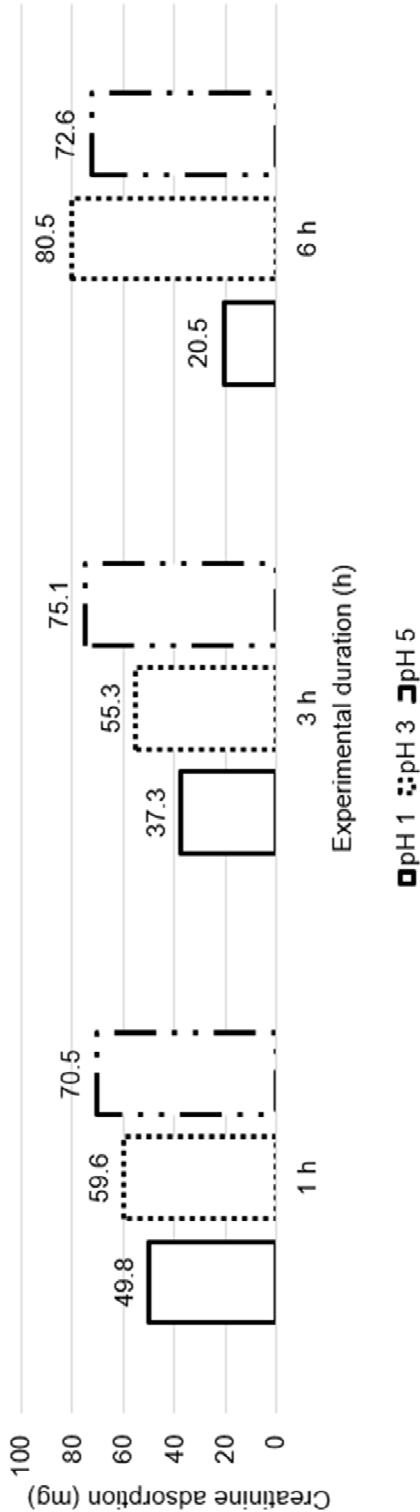
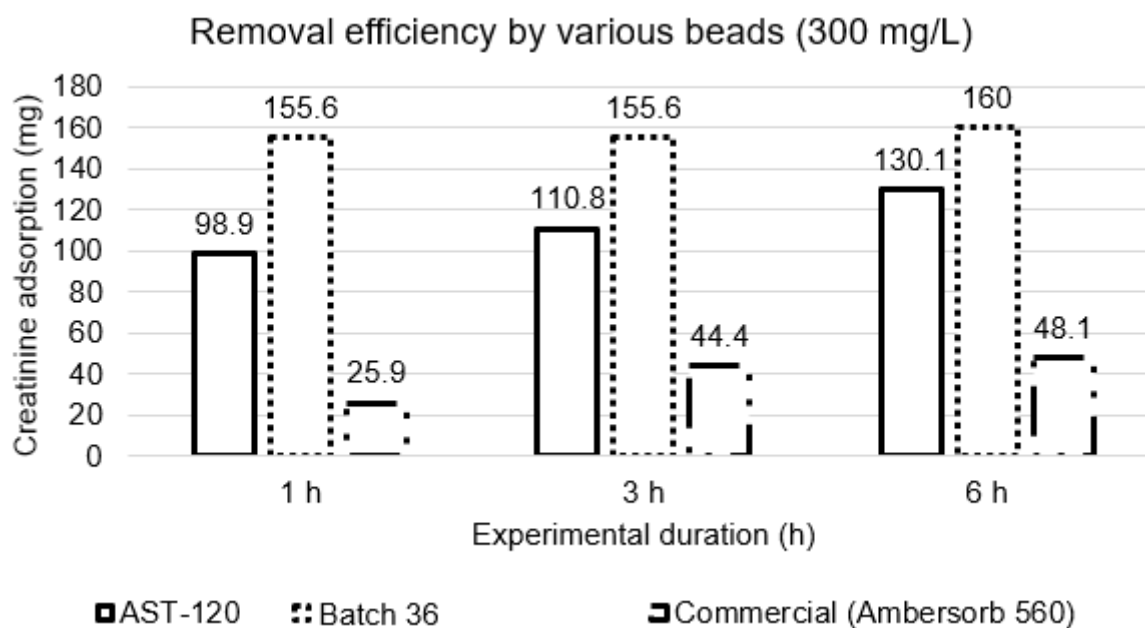
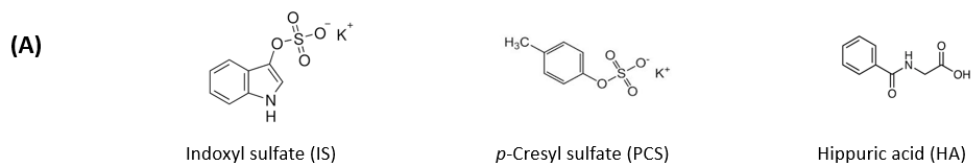


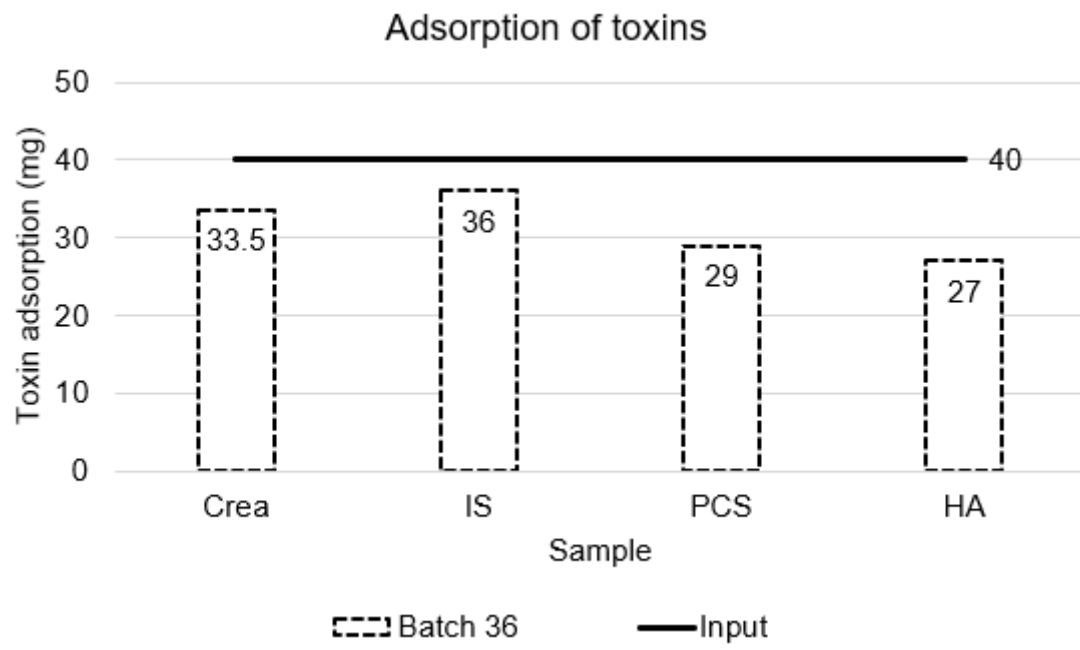
Fig. 9 (Cont.)

**Fig. 10**

(B)

S.No.	Sample ID	Adsorption of IS (mg/L)	Adsorption of HA (mg/L)	Adsorption of PCS (mg/L)	Stock solution
1	Expt with 200 mg of beads	410	909	613	1000 mg/1L
2	Expt with 400 mg of beads	450	990	767	
3	Expt with 600 mg of beads	700	998	773	
4	Expt with 1000 mg of beads	>999.9	>999.9	872	
5	Expt at pH 1	>999.9	>999.9	>999.9	
6	Expt at pH 3	>999.9	>999.9	924	
7	Expt at pH 5	970	>999.9	896	
8	Expt at pH 7	947	>999.9	866	

Fig. 11

**Fig. 12**

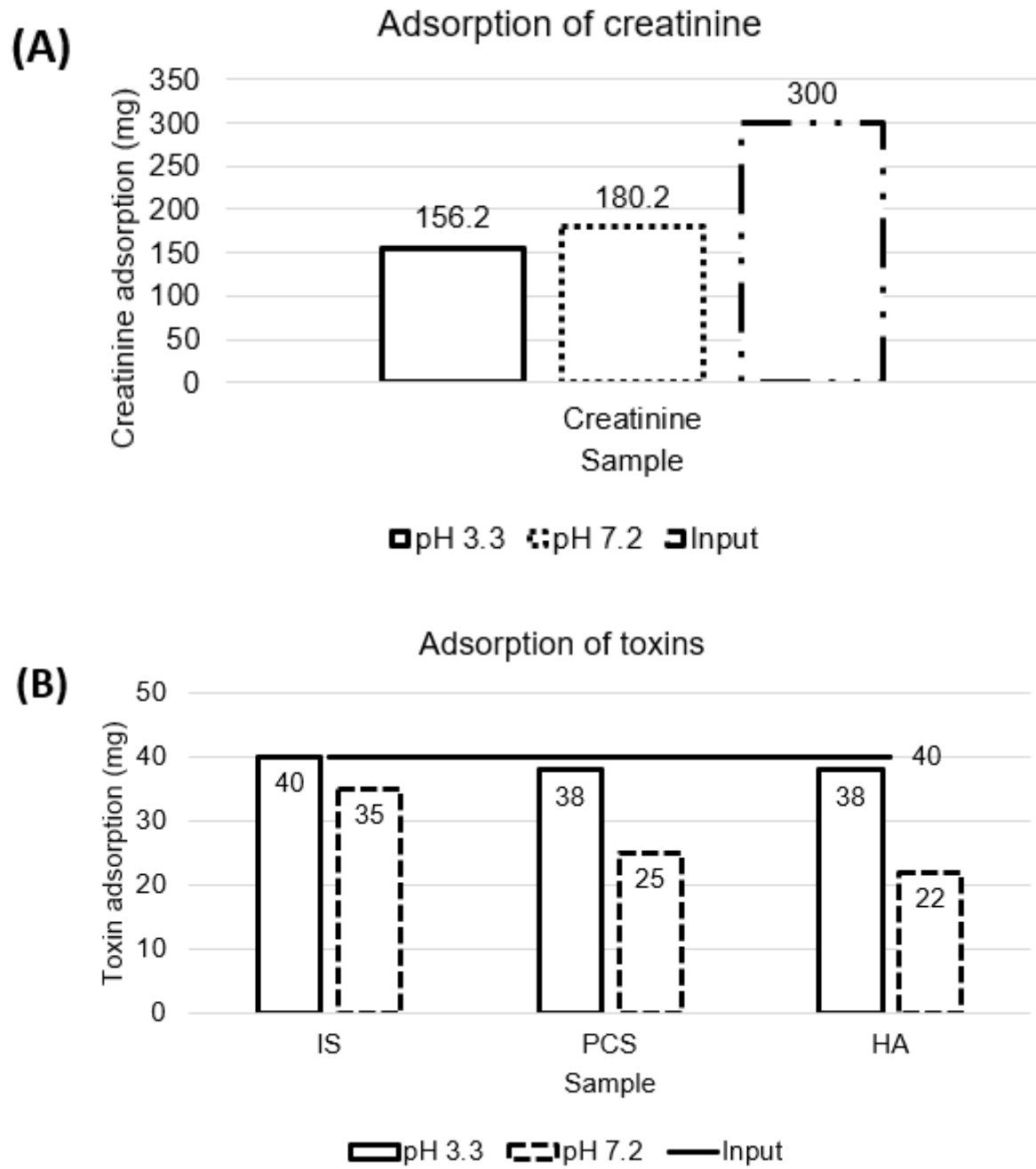


Fig. 13

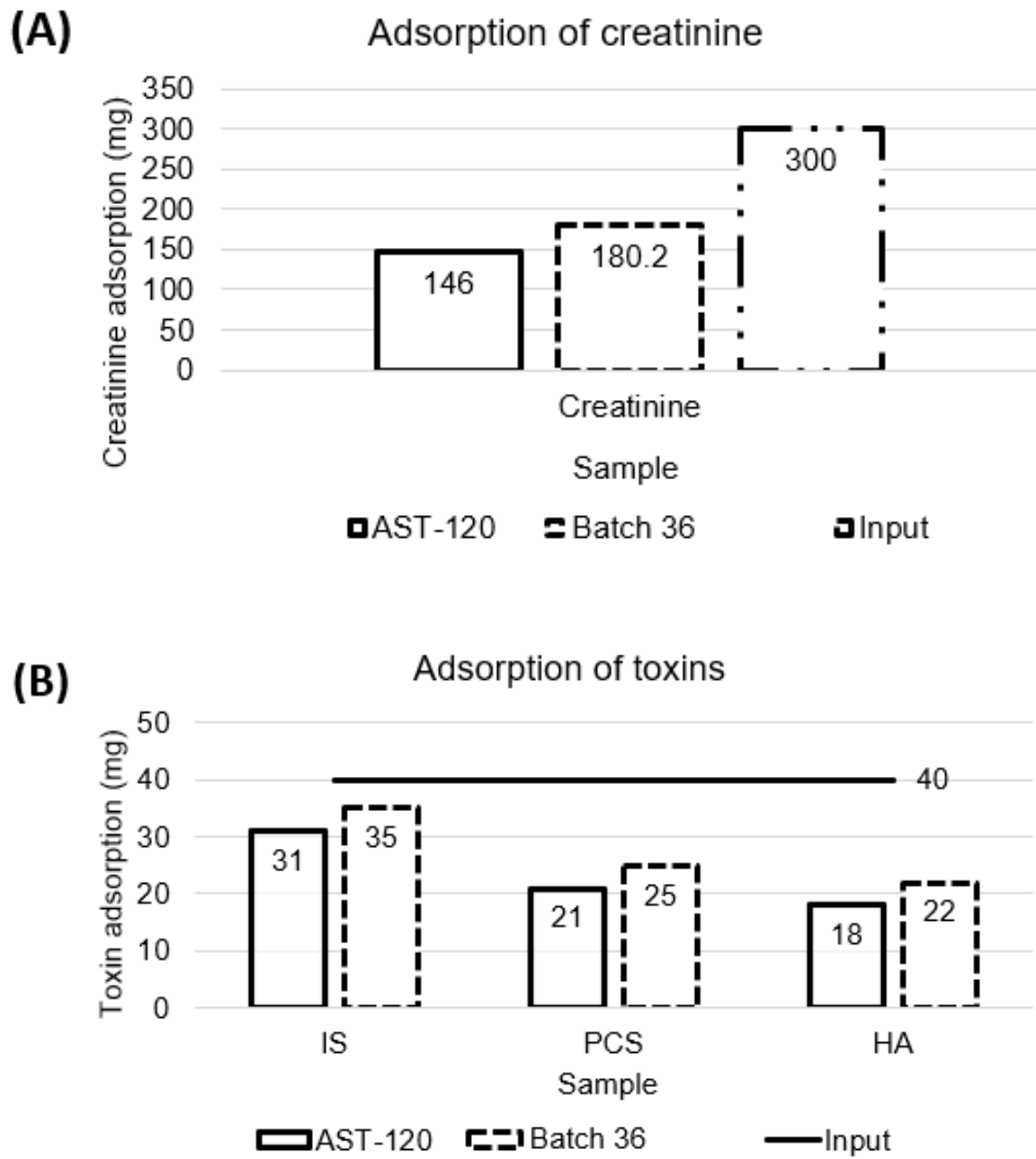


Fig. 14

**Fig. 15**