
Table 2 Constants and correlation coefficients for the Langmuir and Freundlich isotherms

Adsorption parameters	Radial growth (mm)
Freundlich	
K	1.753
1/n	1.09
r value	0.963
Langmuir	
qmax	570.16
b	0.405
r value	0.945

Note: r: fitness values of adsorption isotherm; b: binding energy; K: adsorption coefficient qmax: Adsorption maxima