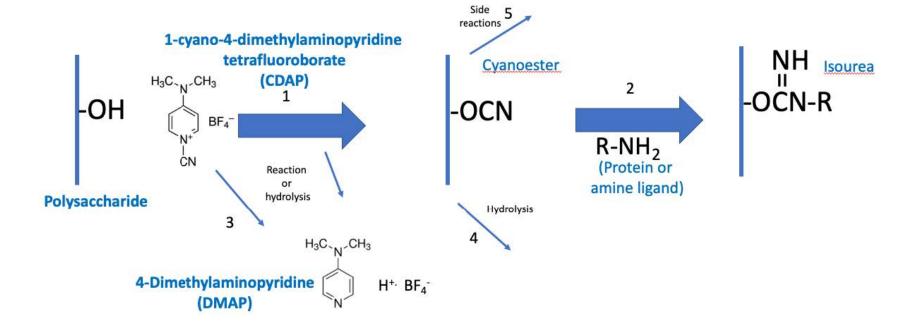
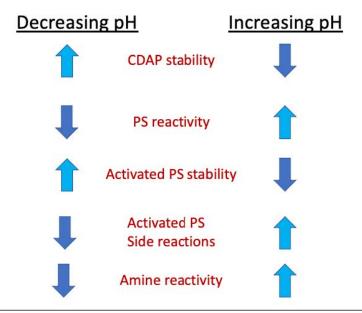
Figure 2



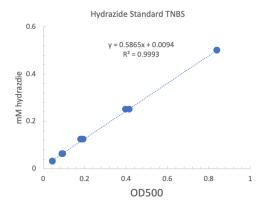


Efficient CDAP activation is a balance between

- 1) Reactivity of the polysaccharide and CDAP and
- 2) Hydrolysis and side reactions of both the reagent and the activated polysaccharide

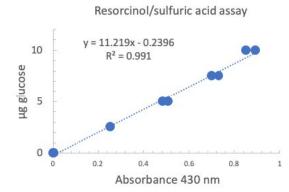
Figure 4

A



	x4	mM Hz
OD500	mM Hz	
0.62	1.492	1.401
0.529	1.279	
0.594	1.431	
0.805	1.926	1.947
0.81	1.938	
0.827	1.978	
	0.62 0.529 0.594 0.805 0.81	OD500 mM Hz 0.62 1.492 0.529 1.279 0.594 1.431  0.805 1.926 0.81 1.938

В



dilute 1:100		glucose	Average	Dextran
100 μL	OD430	mg/mL	mg/mL	μM/100 kDa
0.25 mg/mg	0.581	6.28	6.07	60.7
	0.563	6.08		
	0.542	5.84		
0.5 mg/mg	0.516	5.55	5.47	54.7
	0.502	5.39		
	0.508	5.46		

C

		100 kDa dex		
mg CDAP/mg dextran	μM Hz	μM dextran	Hz/100 kDa	%wgt/wgt
0.25 mg/mg	1401	60.7	23.1	4.02
0.5 mg/mg	1947	54.7	35.6	6.19