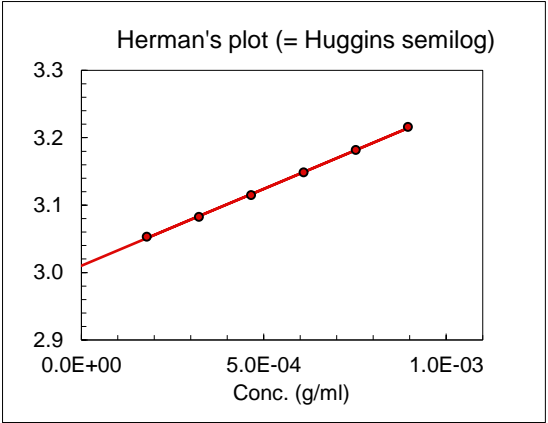
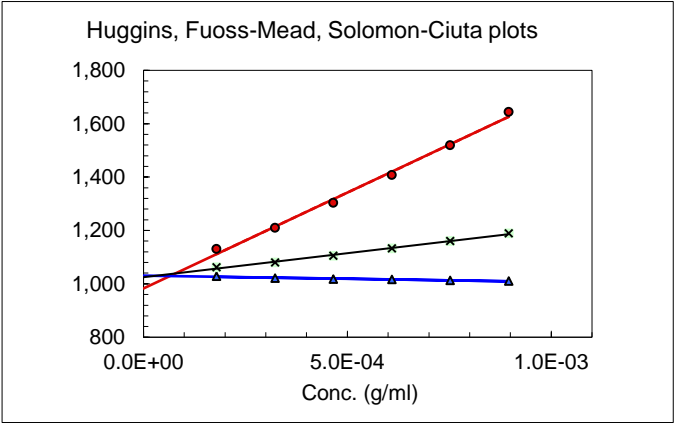


Sample: xan140917 SB1x  
Solvent: 0.15 M NaNO3/0.01 M EDTA, pH 6.0

Temp. (°C): 20  
Analyst: CH



Calculations of the intrinsic viscosity

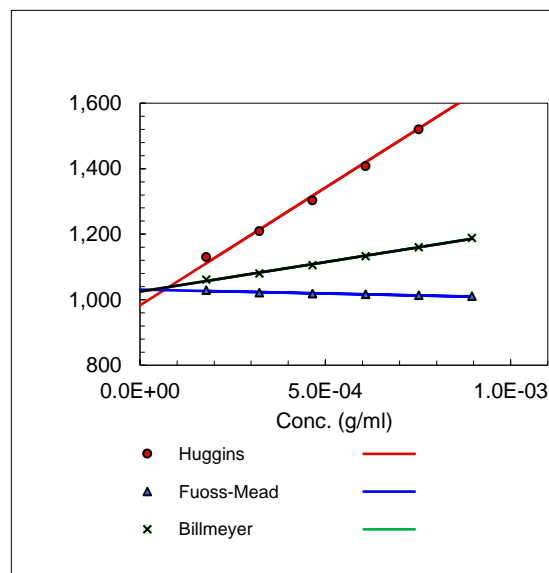
Fit type.	Fitted data		Linear 1-3 [η] (ml/g)	SD (ml/g)	k'	SD
1	$h_{sp}/c$ vs. $c$	(Huggins)	982.8		0.74	
2	$(\ln h_r)/c$ vs. $c$	(Mead-Fuoss)	1,030.8		0.48	
3	$[2(h_{sp}-\ln h_r)]^{1/2}/c$	(Solomon-Ciuta)	1,024.9		0.50	
4	$\log h_{sp}/c$ vs. $c$	(Herman)	1,023.6			
Average			1,015.5	22.0	0.58	0.15
Avg. w/o Huggins			1,026.4	3.8	0.49	0.02

Raw data

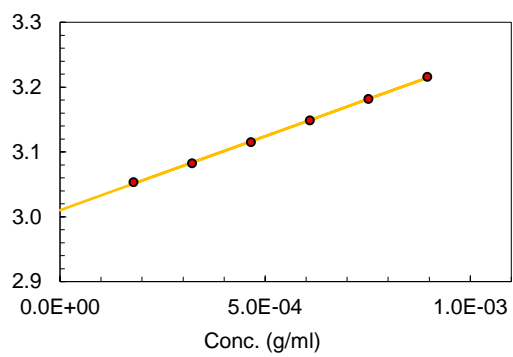
Conc. (mg/ml)	t (sec)	t(sec)*	h <sub>r</sub>	h <sub>sp</sub> /c (ml/g)	Accepted in regression
0 (solvent)	200.91	200.15			
0.896		494.77	2.47	1,643	Yes
0.752		428.98	2.14	1,520	Yes
0.609		371.70	1.86	1,407	Yes
0.466		321.62	1.61	1,303	Yes
0.322		278.19	1.39	1,209	Yes
0.179		240.67	1.20	1,130	Yes
*) Hagenbach corrected					
Dried <i>in vacuo</i> over P <sub>2</sub> O <sub>5</sub> :	Yes	Corrected for water content		Yes	
Assumed water content	10.43%	Filter type (porosity (μm))		5	
Measured water content:	10.43%				



STD S      k' STD S  
22.03183   0.146341  
3.84876   0.018823







• Herman

