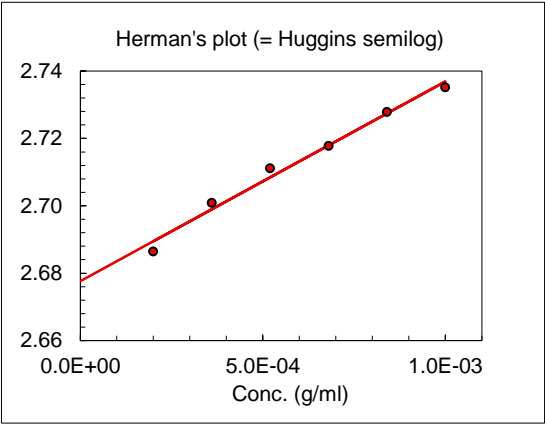
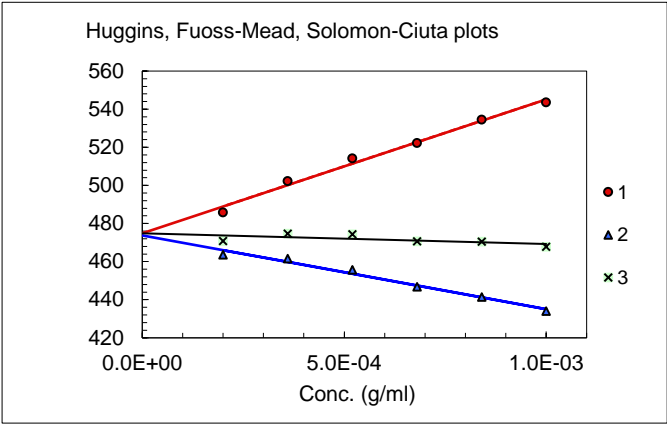


Sample: kelzan SB2x
Solvent: 0.15 M NaNO3/0.01 M EDTA, pH 6.0

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)	474.8		0.31	
2	(ln h _r)/c vs. c	(Fuoss-Mead)	473.8		0.33	
3	[2(h _{sp} -ln h _r)] ^{1/2} /c	(Solomon-Ciuta)	474.8		0.31	
4	log h _{sp} /c vs. c	(Herman)	476.0			
Average			474.9	0.9	0.32	0.01
Avg. w/o Huggins			474.9	1.1	0.32	0.01

Raw data

Conc. (mg/ml)	t (sec)	t(sec)*	h _r	h _{sp} /c (ml/g)	Accepted in regression
0 (solvent)	201.19	200.43			
1.000		309.36	1.54	543	Yes
0.840		290.40	1.45	534	Yes
0.680		271.59	1.36	522	Yes
0.520		254.02	1.27	514	Yes
0.360		236.66	1.18	502	Yes
0.200		219.90	1.10	486	Yes
*) Hagenbach corrected					
Dried in vacuo over P ₂ O ₅ :	No		Corrected for water content	No	
Assumed water content	N/A		Filter type (porosity (μm))	5	
Measured water content:	No				

0.937087 0.010288
1.147502 0.013655

