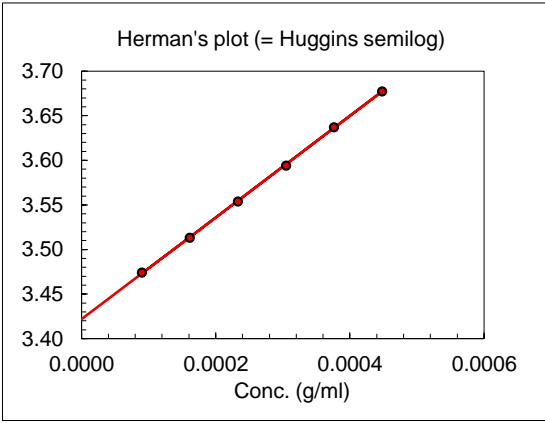
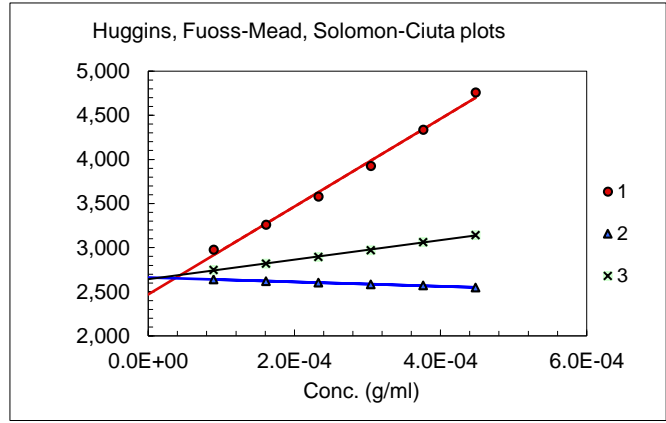


Sample: MXm0
Solvent: 0.15 M NaNO3/0.01 M EDTA, pH 6.0

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)	2,470.3		0.82	
2	$(\ln h_r)/c$ vs. c	(Mead-Fuoss)	2,661.8		0.46	
3	$[2(h_{sp}-\ln h_r)]^{1/2}/c$	(Solomon-Ciuta)	2,642.8		0.49	
4	$\log h_{sp}/c$ vs. c	(Herman)	2,641.8			
Average			2,604.2	89.7	0.59	0.20
Avg. w/o Huggins			2,648.8	11.3	0.48	0.02

Raw data

Conc. (mg/ml)	t (sec)	t(sec)*	h _r	h _{sp} /c (ml/g)	Accepted in regression
0 (solvent)	201.00	200.24			
0.448		627.14	3.13	4,761	Yes
0.376		526.88	2.63	4,336	Yes
0.305		439.78	2.20	3,928	Yes
0.233		367.17	1.83	3,580	Yes
0.161		305.51	1.53	3,261	Yes
0.090		253.67	1.27	2,979	Yes
*) Hagenbach corrected					
Dried <i>in vacuo</i> over P ₂ O ₅ :	Yes	Corrected for water content		Yes	
Assumed water content	10.43 %	Filter type (porosity (μm))		5	
Measured water content:	10.43%				

STD P STD S
77.68157 89.69895
 11.3

STD S k'
0.195196
0.02

