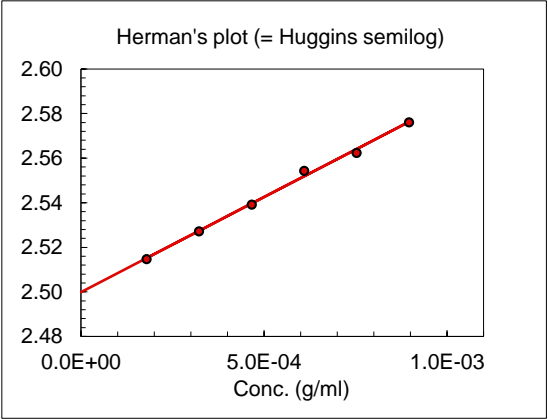
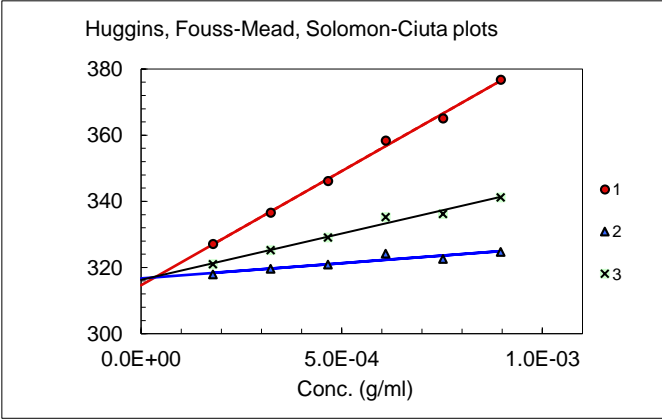


Sample: MXm10
Solvent: 0.15 M NaNO3/0.01 M EDTA, pH 6.0

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)	314.6		0.70	
2	$(\ln h_r)/c$ vs. c	(Fuoss-Mead)	316.7		0.59	
3	$[2(h_{sp}-\ln h_r)]^{1/2}/c$	(Solomon-Ciuta)	316.3		0.61	
4	$\log h_{sp}/c$ vs. c	(Herman)	316.1			
Average			315.9	0.9	0.63	0.06
Avg. w/o Huggins			316.4	0.3	0.60	0.01

Raw data					
Conc. (mg/ml)	t (sec)	t(sec)*	h_r	h_{sp}/c (ml/g)	Accepted in regression
0 (solvent)	181.51	180.58			
0.896		241.53	1.34	377	Yes
0.752		230.18	1.27	365	Yes
0.609		220.00	1.22	358	Yes
0.466		209.69	1.16	346	Yes
0.322		200.18	1.11	337	Yes
0.179		191.16	1.06	327	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

0.902018 0.055727

0.310173 0.014968

