

Sample:

XCDm6

Temp. (°C):

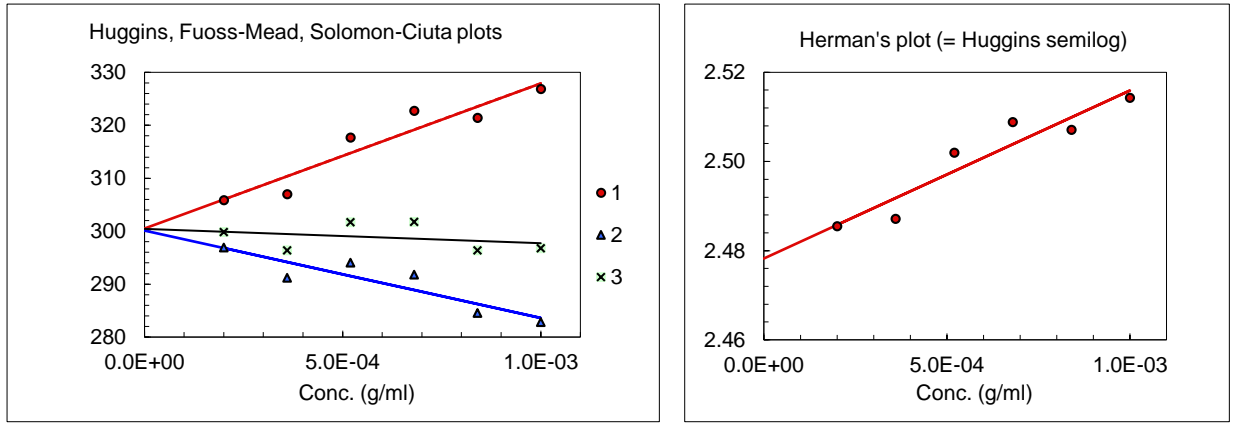
20

Solvent:

0.15 M NaNO3/0.01 M EDTA, pH 6.0

Analyst:

CH



Calculations of the intrinsic viscosity					
Fit type.	Fitted data		Linear 1-3 [h] (ml/g)	SD (ml/g)	k'
1	h _{sp} /c vs. c	(Huggins)	300.5		0.30
2	(ln h _r)/c vs. c	(Fuoss-Mead)	300.1		0.32
3	[2(h _{sp} -ln h _r)] ^{1/2} /c	(Solomon-Ciuta)	300.4		0.30
4	log h _{sp} /c vs. c	(Herman)	300.8		
Average			300.5	0.3	0.31
Avg. w/o Huggins			300.4	0.3	0.31

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		265.94	1.33	327	Yes
0.840		254.55	1.27	321	Yes
0.680		244.42	1.22	323	Yes
0.520		233.54	1.17	318	Yes
0.360		222.58	1.11	307	Yes
0.200		212.69	1.06	306	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				

0.271094 0.007861
0.329684 0.009743

