CERTIFICATE OF ANALYSIS

Product	Polystyrene Low EasiVials (2ml)
Part Numbers	PL2010-0401, PL2010-0402
Batch Number	0006729547

Vial Code	IV (dL/g)	Mw (g/mol) (Light Scattering)	Mn (g/mol)	Mw (g/mol)	Mw/Mn	**Mp** (g/mol)	Mass/vial (mg)
RED	0.2543	50,800	46,950	48,900	1.04	**49,350**	1.0
	0.0893	10,920	9,990	10,210	1.02	**10,150**	1.3
	0.0472	3,430	2,810	2,910	1.04	**2,920**	1.5
	0.0240	680	555	630	1.13	**580**	1.6
WHITE	0.1757	29,960	27,600	28,250	1.02	**28,440**	1.0
	0.0691	7,090	6,090	6,260	1.03	**6,250**	1.3
	0.0393	2,400	1,910	2,000	1.05	**1,990**	1.5
	0.0262	445	410	450	1.10	**370**	1.6
BLUE	0.1256	18,310	16,720	17,180	1.03	**17,120**	1.0
	0.0648	6,360	5,440	5,600	1.03	**5,610**	1.3
	0.0305	1,025	835	895	1.08	**850**	1.5
	-	-	-	-	1.00	**162**	1.6*

* Due to the volatile nature of this constituent weights may vary.

Mp, Mn & Mw are the respective peak, number and weight molecular weight averages.
Mw/Mn = molecular weight distribution or polydispersity ratio.
IV is the Intrinsic Viscosity value.

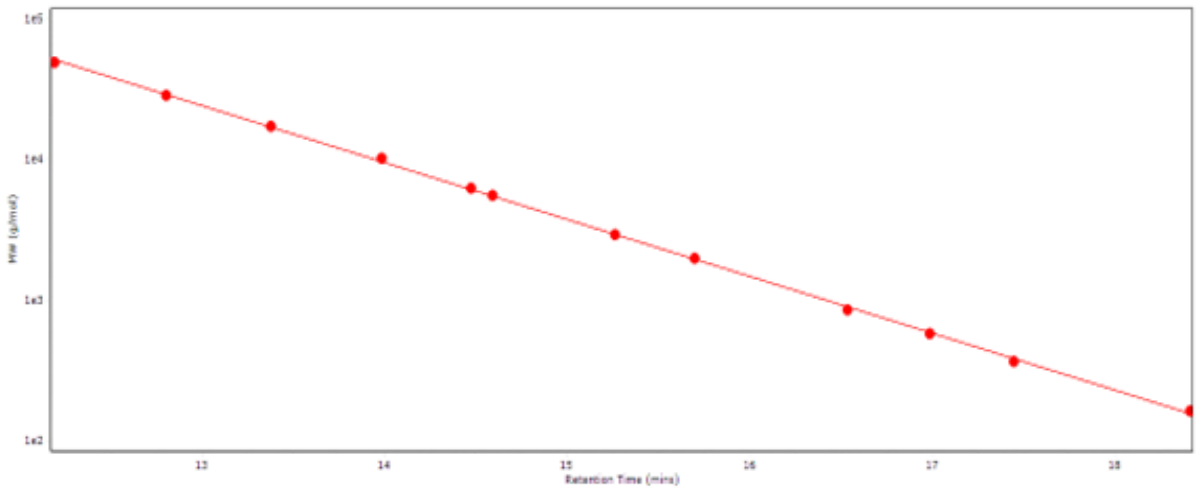
The above characterisation data has been measured according to our Quality Control procedures.
Certificate of Analysis valid until expiry date: 14th February 2028
Agilent Manufacturing Site: Essex Road, Church Stretton, Shropshire, SY6 6AX, UK

Storage:
The polymers in each vial should be stored in a cool dark place when not in use. After preparation, the polymer solutions should be stored in a cool, dark place and used within 1 week.

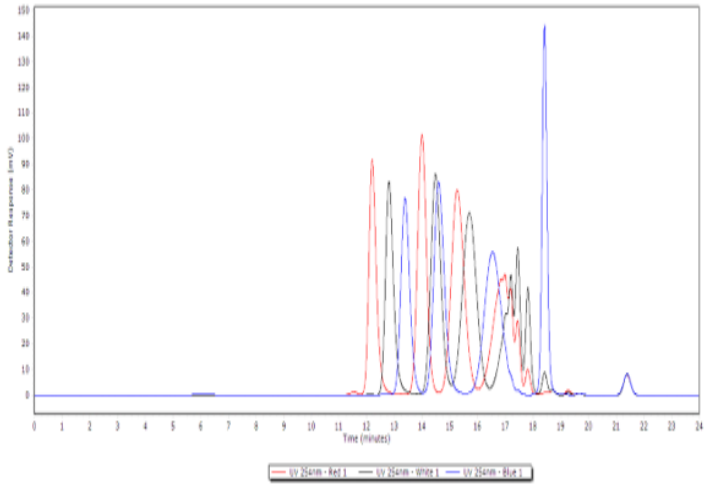
P.C.Link G.K.Harmer

QC Department

GPC/SEC Calibration Curve



GPC/SEC EasiVials Overlay



Calibration Details

System	Agilent GPC software
Detector	Ultra Violet
Columns	2 x PLgel MIXED-D 5µm 300 x 7.5mm
Solvent	THF
Flow rate	1.0 ml / min
Injection volume	20µl
Sample concentration	1ml solvent / vial
Temperature	Ambient