CERTIFICATE OF ANALYSIS

Product	Polymethyl Methacrylate EasiVials (2ml)
Part Numbers	PL2020-0201, PL2020-0202
Batch Number	0006572334

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	2.8534	2,299,000	2,000,000	2,161,000	1.08	**2,210,000**	0.4
	0.6344	293,300	252,200	257,000	1.02	**260,900**	0.8
	0.1430	33,660	31,090	31,950	1.03	**32,340**	1.2
	0.0305	1,500	1,410	1,620	1.15	**1,760**	1.6
YELLOW	1.5507	1,012,000	969,000	1,011,000	1.04	**1,020,000**	0.4
	0.3976	157,200	141,600	144,000	1.02	**146,500**	0.8
	0.0842	13,990	12,870	13,390	1.04	**13,630**	1.2
	-	-	880	1,000	1.14	**1,010**	1.6
GREEN	1.0156	588,000	517,000	529,500	1.02	**538,500**	0.4
	0.2518	80,000	69,400	70,900	1.02	**72,800**	0.8
	0.0619	7,040	6,240	6,900	1.11	**7,290**	1.2
	-	-	530	670	1.26	**535**	1.6

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: 19th November 2025
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.



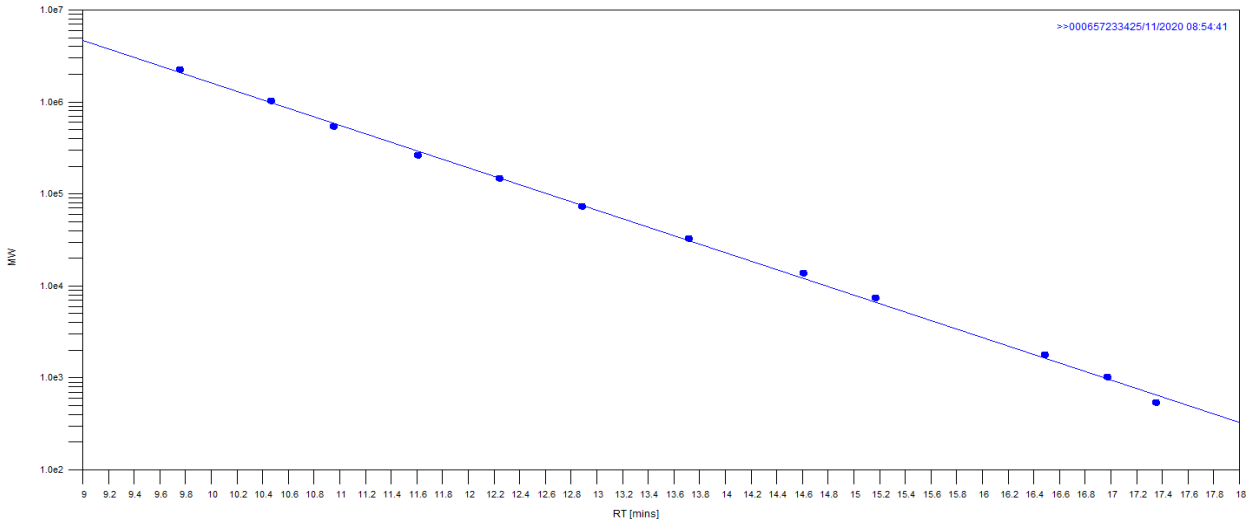


P.C.Link G.K.Harmer

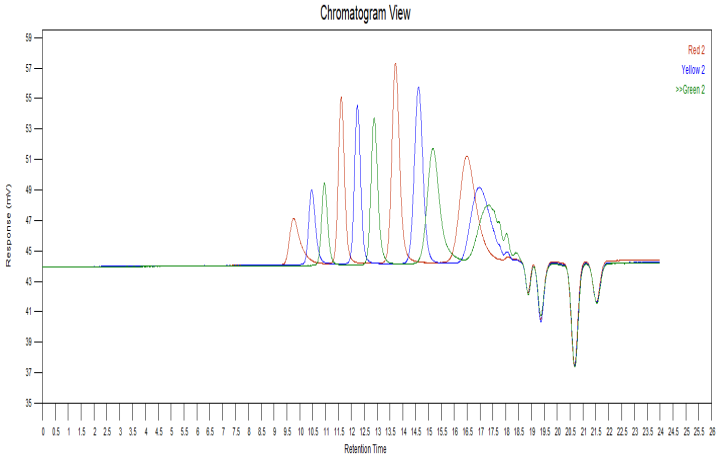
QC Department

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GPC/SEC Calibration Curve



GPC/SEC PMMA EasiVials Overlay



Calibration Details

System	Cirrus GPC / SEC
Detector	Refractive Index
Columns	2 x PLgel MIXED-C 5µm 300 x 7.5mm
Solvent	THF
Flow rate	1.0 ml / min
Injection volume	20µl
Sample concentration	1ml solvent / vial
Temperature	Ambient