

Certificate of Analysis

BATCH NUMBER	0006690580
PRODUCT	PL-Latex Carboxyl HiDye Blue 400nm
PART NUMBERS	PL6104-6121, PL6104-6122, PL1111-9999
POLYMER COMPOSITION	Poly(styrene-co-methacrylic acid)
SURFACE CHEMISTRY	Carboxylated
PRESERVATIVE	0.02% Sodium Azide
MANUFACTURING SITE	Essex Road, Church Stretton, Shropshire, SY6 6AX, UK

	Specification	Result	Protocol
PARTICLE SIZE (From Base Material)			
Mean (nm)	375 - 425	406	LATEXQ01
Standard Deviation	≤ 7.0%	5.6	
GRAVIMETRIC ANALYSIS			
Solids Content (wt/wt%)	9.8 - 10.2	10.1	CD Q03
SURFACE CHARACTERISATION			
Charge Density (µeq/g) <i>(Taken from base material)</i>	To be measured	35	LATEXQ05
Parking Area (Å²) <i>(Taken from base material)</i>	To be measured	67	
COLOUR ANALYSIS			
Munsell Hue	7.5PB - 8.5PB	8.2PB	LATEXQ04
Munsell Value	3.0 - 4.0	3.2	
Munsell Chroma	11.0 - 12.8	11.7	

RECOMMENDED STORAGE Store at 2-8°C

DATE OF MANUFACTURE 30th June 2022

EXPIRY DATE 29th June 2027

We, Agilent Technologies certify that this product does not contain or use raw or source materials or reagents derived from animals or humans during the manufacturing process. Furthermore Agilent Technologies is committed to taking suitable action in order to exclude any contamination with animal or human materials during production / shipping.

I certify that this material meets the required specification

N. Jones

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QC Department

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