

Certificate of Analysis

Date of Testing: 2024-12-05 16:38:27

Date of Next Testing: 2027-12-05 16:38:27

Product Name: **Poly(ethylene glycol) methyl ether-block-poly(lactide-co-glycolide)**

CAS Number: P475624

Specifications & Purity: PEG average M_n 5000, PDLGA M_n 10000, lactide: glycolide 50:50

Lot #: L2403283

SKU #: **P475624**

Version: **3**

Analysis #: **435438**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
mPEG	4.5-5.5 (kDa)	5.00000 kDa
PDLGA(kDa)	9.0-11.0 (kDa)	9.70000 kDa
Lactide molar content	47-53 (%)	51.00000 %
Glycolide Molar content	47-53 (%)	49.00000 %
Appearance(P475624)	White to light yellow to brown powder or solid or chunk(s)	White to light yellow to brown powder or solid or chunk(s)
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager