

**ESUNMED PLCL**

Product Name	Poly(L-Lactic-co-caprolactone)
CAS No.	65408-67-5
Batch No.	26011901
Production Date	260119
Test Date	260121

Test	Unit	Standard	Reference standard	Method	Result
Appearance	/	White to off white granules	/	Visual inspection	conforms
Intrinsic viscosity [ $\eta$ ]	dL/g	1.4-1.8	YY/T 0661-2017	25°C in Chloroform	1.67
Moisture	%	$\leq 0.5$	YY/T 0661-2017	KFT	0.07
L-LA Monomer residue	%	$\leq 2$	YY/T 0661-2017	GC	0.31
CL Monomer residue	%	$\leq 2$	YY/T 0661-2017	GC	0.41
) Solvent residue	ppm	<1000	YY/T 0661-2017	GC	13.02
Heavy metal residue (Pb)	$\mu\text{g/g}$	$\leq 10$	YY/T 0661-2017	0841 Heavy metal detection method in Chinese Pharmacopoeia	conforms
Sn Residue	$\mu\text{g/g}$	$\leq 150$	YY/T 0661-2017	ICP	conforms
Molar ratio	%	$\pm 5$	YY/T 0661-2017	(L-LA:CL)HNMR	72.5:27.5

Storage Conditions: Store in a low-temperature refrigerator at 2-8°C.

Inspector:

Reviewer:

