

ESUNMED mPEG-PLLA

Product Name	mPEG-PLLA
CAS No.	PEG: 25322-68-3, PLLA: 33135-68-1
Batch No.	2601060903
Production Date	260106
Test Date	260225

Item	Unit	Standard	Reference standard	Method	Result
Appearance	/	Pale Yellow to White powder	/	Visual inspection	Conforms
Intrinsic viscosity $[\eta]$	dL/g	/	YY/T 0661-2017	25°C in Chloroform	0.42
Weight-average molecular weight	g/mol	/	/	GPC	42163
Dispersity (D)	/	≤ 2.5	/	GPC	1.33
Molecular weight of PEG	/	800-1200	/	GPC	951
Moisture	%	≤ 0.5	YY/T 0661-2017	KFT	0.23
Monomer residue	%	≤ 2	YY/T 0661-2017	GC	0.42
Solvent residue (Total)	ppm	ICH limit value	YY/T 0661-2017	GC	Conforms
Single Solvent Residue	ppm	ICH Q3C	YY/T 0661-2017	GC	Conforms
Heavy metal residue (Pb)	$\mu\text{g/g}$	≤ 10	YY/T 0661-2017	0841 Heavy metal detection method in Chinese Pharmacopoeia	Conforms

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

Inspector:

Reviewer: