

ESUNMED PDLLA porous Microspheres

Product Name	Poly(D,L-lactide) porous microspheres
CAS No.	26023-30-3
Batch No.	MP-PDLLA porous -8-171
Production Date	250619
Test Date	251021

Item	Unit	Standard	Reference standard	Method	Result
Appearance	/	/	/	Optical microscopy	Spherical particle
Median size (D50)	μm	30±5	/	Laser particle analyzer	32.38
Intrinsic viscosity [η]	dL/g	1.0 ± 0.1	/	25 °C in Chloroform	0.98
Moisture	%	≤ 0.5	YY/T 0661-2017	Karl Fischer coulometric titration	0.49
Monomer residue	%	≤ 2.0	YY/T 0661-2017	GC	0.42
Solvent residue (Total)	ppm	≤1000	YY/T 0661-2017	GC	Qualified
PVA residue	%	< 0.2	/	UV	Qualified
Residual pore forming agent	ppm	/	/	IC	3.81
Heavy metal residue (Pb)	μg/g	≤ 10	YY/T 0661-2017	Colorimetric method of Chinese Pharmacopoeia	Qualified
Sn Residue	μg/g	≤ 150	YY/T 0661-2017	ICP	Qualified
Specific optical rotation	°	-2 ~ 2	YY/T 0661-2017	Polarimetric test of Chinese Pharmacopoeia in dichloromethane, 20 °C	0

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

Test member:

Verifier:

