



CERTIFICATE OF ANALYSIS

Product Name	PLGA (Polyethylene Lactide)	Batch No.	JL20240306
Cas	26780-50-7	MF Date	MAR.06,2024
Packing	200G/BAG	Analysis Date	MAR.07,2024
Quantity	1KG	Expiry Date	MAR.05,2025
ITEM	STANDARD		RESULT
Appearance	White to pale yellow solid		Pale yellow solid
Viscosity	2.8-3.2dL/g		3.02dL/g
Glass transition temperature	40-60°C		44.18°C
Moisture content	≤0.5%		0.33%
Residue on burning	≤0.2%		0.14%
Total heavy metal content (in Pb)	≤10ppm		<10ppm
Density	1.20-1.30g/cm3		1.22g/cm3
Specific Rotation	-10° ~ +10°		-0.75°
Acidity	The pH should be 5.0-7.0		6.13
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng

