



南京都莱生物技术有限公司 Nanjing Duly Biotech Co.,Ltd
025-84699383/84699415
网 址: www.njduly.com 邮箱: njduly@126.com

质量报告单
CERTIFICATE OF ANALYSIS

Product name	2-Nitrophenyl-beta-D-galactopyranoside		
CAS No.	369-07-3		
Batch number	Lot:N2501130107		
Production date	January 13, 2025	Expiring date	January 12, 2026
Standard adopted	Enterprise standard		
Items of analysis	Specification	Results	
Appearance	White or off white crystal powder	Complies	
Solubility	Soluble in DMF or hot and insoluble in ether	Complies	
Color and Turbidity (in 15mg/ml in water)	Colorless or light yellow and clear	Comply	
NMR and MS	Should comply	Comply	
Specific rotation [α] _{20D} , in water	-68° --- -72°	-70 .3°	
Melting point	186-193 °C (Dec)	187-190°C	
Carbon	46.9-48.8 %	Complies	
Residue on ignition	0 5% max	0 02%	
Heavy metals	Max 20ppm	Max 20ppm	
Assay by HPLC	Min 98%	99.6%	
Purity (Enzymatic)	Min 99%	Complies	
Conclusion	Qualified		

检测合格

莱生物技

质检去

质检员: 石雨
Quality inspector: Yu Shi

审核员: 宋红梅
Auditor: Hongmei Song

