

Zhuhai Biori Biotechnology Co.,Ltd

珠海宝锐生物科技有限公司

Certificate of Analysis

产品检验报告

Product 产品名称	DL2000 DNA Marker	Lot No. 批号	20250606
Specification 规格	250 µL	Test Date 检验日期	2025.06.09
Test purpose 请检目的	All items	Expiry date 有效期至	2027.06.05
Standard 请检依据	Enterprise Standard	Storage 储存条件	-20°C
TEST RESULT 检验结果			
Content 检验项目	Specification 企业标准	Results 检验结果	
Appearance 外观	Blue liquid, no precipitate, no suspended matter, no flocculent material; packaging intact, no damage, no leakage, batch number correct. 蓝色液体，无沉淀、无悬浮物、无絮状物；包装完好，无破损、无漏液，批号无误。	Conforms 符合规定	
Band integrity 条带完整性	Upon detection by agarose gel electrophoresis, 6 specific bands (2000 bp, 1000 bp, 750 bp, 500 bp, 250 bp, 100 bp) should be clearly visible. 经琼脂糖凝胶电泳检测，应清晰呈现 6 条特异性条带（2000 bp、1000 bp、750 bp、500 bp、250 bp、100 bp）。	Conforms 符合规定	
Band clarity 条带清晰度	After electrophoresis, the bands should have sharp edges, with no diffusion, no smearing, and no interference from extra bands. 电泳后条带边缘锐利，无弥散、无拖尾，无杂带干扰。	Conforms 符合规定	
Sensitivity 灵敏度	When 5 µL of Marker is subjected to electrophoresis, the 100 bp band should be clearly distinguishable. 取 5 µL Marker 进行电泳，100 bp 条带应清晰可辨。	Conforms 符合规定	
Difference between batches 批间差异	After electrophoresis of different batches of Marker, the differences in band mobility and brightness are within ±5%, with no significant differences. 不同批次 Marker 电泳后，条带迁移率及亮度差异在 ±5% 范围内，无显著性差异。	Conforms 符合规定	
Nuclease activity 核酸酶活性	There should be no exogenous nuclease or endonuclease activity, and no degradation of the Marker itself or sample DNA. 应无外源核酸酶、核酸内切酶活性，不降解 Marker 自身及样本 DNA。	Conforms 符合规定	
Stability 稳定性	After storage at 37 °C for 7 days or three freeze-thaw cycles at -20 °C, the electrophoresis bands remain clear and intact, with no degradation. 37 °C 放置 7 天或 -20 °C 冻融 3 次后，电泳条带仍清晰完整，无降解。	Conforms 符合规定	
Test conclusion 检验结论	Complying with Enterprise Standard. 本品按企业标准检验，结果符合规定。		

Analyzed by (检验人): 苗连霖

Reviewed by (复核人): 詹伟豪

