

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	AcuGenix™ Taq DNA Polymerase	Lot No. 批号	20250526																								
Specification 规格	100 U	Test Date 检验日期	2025.05.29																								
Test purpose 请检目的	All items	Expiry date 有效期至	2027.05.25																								
Standard 请检依据	Enterprise Standard	Storage 储存条件	-20±5°C																								
<p>TEST RESULT 检验结果</p> <table border="1"> <thead> <tr> <th>Content 检验项目</th> <th>Specification 企业标准</th> <th>Results 检验结果</th> </tr> </thead> <tbody> <tr> <td>Appearance 外观</td> <td>Clear liquid, no precipitation, no suspended matter, no flocculent. The packaging is intact, no damage, no leakage, and the batch number is correct. 清澈液体，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。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Protein purity 蛋白纯度</td> <td>SDS-PAGE electrophoresis detection, no less than 98%. SDS-PAGE 电泳检测，应不低于 98%。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Active unit 活性单位</td> <td>No less than 5 U/μL. 应不低于 5 U/μL。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Sensitivity 灵敏度</td> <td>The detection rate of sensitivity standard should be consistent with RS. 待检品与对照品对企业灵敏度标准品的检出率应一致。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Difference between batches 批间差异</td> <td>The product to be inspected and RS should has at least one concentration of enterprise quantitative standard substance. There should be no significant difference in the Ct value. 对照品与待检品检测至少一个浓度企业定量标准品，组间 Ct 值应无显著性差异。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Nuclease activity 核酸酶活性</td> <td>No exonuclease, endonuclease activity. 应无外源核酸酶活性。</td> <td>Conforms 符合规定</td> </tr> <tr> <td>Stability 稳定性</td> <td>After incubation at 94°C for 1 hour, the activity should not be less than 50% of the initial activity. 94°C保温 1 小时，活性单位应不低于初始活性的 50%。</td> <td>Conforms 符合规定</td> </tr> </tbody> </table>				Content 检验项目	Specification 企业标准	Results 检验结果	Appearance 外观	Clear liquid, no precipitation, no suspended matter, no flocculent. The packaging is intact, no damage, no leakage, and the batch number is correct. 清澈液体，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	Protein purity 蛋白纯度	SDS-PAGE electrophoresis detection, no less than 98%. SDS-PAGE 电泳检测，应不低于 98%。	Conforms 符合规定	Active unit 活性单位	No less than 5 U/μL. 应不低于 5 U/μL。	Conforms 符合规定	Sensitivity 灵敏度	The detection rate of sensitivity standard should be consistent with RS. 待检品与对照品对企业灵敏度标准品的检出率应一致。	Conforms 符合规定	Difference between batches 批间差异	The product to be inspected and RS should has at least one concentration of enterprise quantitative standard substance. There should be no significant difference in the Ct value. 对照品与待检品检测至少一个浓度企业定量标准品，组间 Ct 值应无显著性差异。	Conforms 符合规定	Nuclease activity 核酸酶活性	No exonuclease, endonuclease activity. 应无外源核酸酶活性。	Conforms 符合规定	Stability 稳定性	After incubation at 94°C for 1 hour, the activity should not be less than 50% of the initial activity. 94°C保温 1 小时，活性单位应不低于初始活性的 50%。	Conforms 符合规定
Content 检验项目	Specification 企业标准	Results 检验结果																									
Appearance 外观	Clear liquid, no precipitation, no suspended matter, no flocculent. The packaging is intact, no damage, no leakage, and the batch number is correct. 清澈液体，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																									
Protein purity 蛋白纯度	SDS-PAGE electrophoresis detection, no less than 98%. SDS-PAGE 电泳检测，应不低于 98%。	Conforms 符合规定																									
Active unit 活性单位	No less than 5 U/μL. 应不低于 5 U/μL。	Conforms 符合规定																									
Sensitivity 灵敏度	The detection rate of sensitivity standard should be consistent with RS. 待检品与对照品对企业灵敏度标准品的检出率应一致。	Conforms 符合规定																									
Difference between batches 批间差异	The product to be inspected and RS should has at least one concentration of enterprise quantitative standard substance. There should be no significant difference in the Ct value. 对照品与待检品检测至少一个浓度企业定量标准品，组间 Ct 值应无显著性差异。	Conforms 符合规定																									
Nuclease activity 核酸酶活性	No exonuclease, endonuclease activity. 应无外源核酸酶活性。	Conforms 符合规定																									
Stability 稳定性	After incubation at 94°C for 1 hour, the activity should not be less than 50% of the initial activity. 94°C保温 1 小时，活性单位应不低于初始活性的 50%。	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):

李军

Reviewed by (复核人)

