

Shanghai Aladdin Biochemical Technology Co., LTD

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## Certificate of Analysis

Date of Testing:	2025-07-31 16:27:59
Date of Next Testing:	2026-07-31 16:27:59
Product Name:	<b>Random Mutagenesis Kit</b>
CAS Number:	
Specifications & Purity:	BioReagent, Suitable for Molecular Biology, Sterile
Lot #:	ZJ25F0724900
SKU #:	<b>R1372033-CG20T</b>
Version:	<b>1</b>
Analysis #:	018699

Parameter	Limit Value	Result
Appearance(R1372033)	Colorless liquid	colorless liquid
Appearance(Outer packing) (R1372033)	Complete and undamaged	Complete and undamaged
Seal Integrity Testing	Conform	Conform
Enzyme Protein Purity Assay ( $\geq 95\%$ )	Conform	Conform
Endodeoxyribonuclease Assay Of Enzyme (50U)	Not detected	Not Detected
Non-Specific DNase Activity Of Enzyme (50U)	Not detected	Not Detected
Residual E. coli DNA Of Enzyme (50U < 10 copies)	Conform	Conform
PCR Functional Assay ( $90\% \leq \text{Test/Control} \leq 110\%$ )	Conform	Conform
Mutation Rate ( $90\% \leq \text{Test/Control} \leq 110\%$ )	Conform	Conform
Exonuclease Assay Of Enzyme (50U)	Not detected	Not Detected
Ribonuclease Assay Of Enzyme (50U)	Not detected	Not Detected



Sophia Cheng  
Quality Assurance