

ALADDIN SCIENTIFIC CORPORATION

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Specification Sheet

Product Name:	Bsu DNA Polymerase, Large Fragment
SKU #:	B744270
Version:	1
Source:	Recombinant
Specifications & Purity:	expressed in E.coli, Recombinant, EnzymoPure™, ≥95% (SDS-PAGE), 5 mg/ml; 10 U/μg protein
Concentration:	5 mg/ml; 10 U/μg protein
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles

Parameter	Limit Values
Appearance (B744270)	Liquid
Purity(SDS-PAGE) ≥95%	Conform
Endonuclease Activity: Supercoiled plasmid DNA incubated with the product at 37 °C for 4 h; no significant change detected .	Conform
Exonuclease Activity: DNA substrate incubated with the product at 37 °C for 16 h; no significant change detected .	Conform
Residual Host DNA: E. coli genomic DNA residues <10 copies, as tested by TaqMan qPCR with 16S rDNA-specific primers.	Conform