

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Bst DNA Polymerase, Large Fragment (powder)
SKU #:	B744267
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, ActiBioPure™, EnzymoPure™, DNase, RNase free, Sterile
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute in 10mM Tris-HCl (pH7.5), 50mM KCl, 0.1mM EDTA, 1mM DTT, 0.1% Triton X-100, 50%(v/v) glycerol.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(B744267A)	Powder
Appearance(B744267B)	Liquid
Appearance(B744267C)	Liquid
Seal Integrity Testing	Conform
Supercoiled DNA Transformation Efficiency < 10%	Conform
Exonuclease Activity (Radioactivity Release)	Conform
Non-Specific DNase Activity (16 Hour)	Conform
Phosphatase Activity(pNPP)	Conform
Purity (SDS-PAGE)≥99%	Conform
RNase Activity (Extended Digestion)	Conform
qPCR DNA Contamination (E. coli Genomic)	Conform