

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Polynucleotide Kinase from T4-infected Escherichia coli – 10 units/μL, buffered aqueous glycerol solution

Product Number: P4390
CAS Number: 37211-65-7
MDL: MFCD00166009

Storage Temperature: -20 °C

TEST	Specification
------	---------------

Activity	Conforms
Enzymatic Activity 10 units/μl	
Performance	Conforms
End-labeling: > 30% conversion	
NICKase, Endonuclease Detection	None Detected
DNase and RNase	Conforms
< 3% release	
Transformation:	Conforms
Transformation Efficiency not less than 1 x 10 ⁵ cfu/μg DNA in a Blue/White Assay	

Remarks:

Reviewing Chemist : SVOSS1

Send bulk to Dekalb

Specification: PRD.0.ZQ5.10000071728

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.