



6143 North 60th Street
Milwaukee, WI 53218
www.chimerx.com

Certificate of Analysis

Telephone: (414) 535-9506
Toll Free: (800) 626-7833
Fax: (414) 535-9508
Web Support: chimerx.com/support
Email: info@chimerx.com

S1 Nuclease

Catalog No: 1335

Lot No: 3506011

Package Size: See Product Label

Activity: 400 units/ μ l

Source: *Aspergillus oryzae*

Storage Conditions: Store at -20°C

Unit Definition

One unit is the amount of enzyme required to convert 1 μ g of denatured calf thymus DNA to an acid soluble form in 1 minute at 37°C .

Storage Buffer

30 mM Sodium Acetate (pH 4.6)
50 mM NaCl
1 mM ZnCl_2
50% (v/v) glycerol

Quality Control

Endonuclease: Incubation of 10 units of S1 Nuclease with 1 μ g pUC19 DNA for 1 hour at 37°C resulted in no detectable double-stranded DNA digestion as determined by agarose gel electrophoresis.