

CERTIFICATE OF ANALYSIS

Product	Deoxyribonuclease I
Grade	Molecular Biology Grade
Product Code	BS-DNASE-100MG
CAS#	9003-98-9

DATE OF MFG : 2019/06/22

Source: Bovine Pancreas

Test Items	Specifications
Appearance	White to pale yellow Powder
Appearance of solution	(10mg/mL, H₂O) Clear to slightly hazy, colorless to faint yellow solution
Inactivation	65°C for 10 min
Activity (U/mg)	≥ 368

Storage: -20°C. Protect from moisture. Warm to room temperature before opening.

DNase I cuts both double-stranded and single-stranded DNA, producing 3'-OH oligonucleotides. It is typically used for selectively degrading DNA in the presence of RNA. This DNase is suited for applications such as nick translation, production of random fragments, cleavage of genomic DNA for footprinting, removal of DNA template after in vitro transcription, and removal of DNA from RNA samples prior to applications.

This product is sold for laboratory research and development purposes use only
