



CERTIFICATE OF ANALYSIS

Product	DNase I, RNASE FREE
Product Code	DD0649
Grade	N/A
Source	Bovine Pancreas
CAS#	N/A
Lot No	

Test Items	Specification	Results
Appearance	White to off-white crystalline powder	
u/mg dw	≥2,000 Kunitz units per mg dry weight	
u/mgP	≥5000 u/mg protein	
A280nm @ 1 mg/ml	Report assay value.	
RNase	None detected	
Protease	None detected	
SDS PAGE	>90% purity	
A280/vial	Report assay value.	
units/vial (50,000 unit vial)	≥50,000 units per vial	

Unit Definition: One Unit causes an increase in absorbance at 260nm of 0.001 per minute per ml, at 25°C, pH 5.0, when acting on highly polymerized DNA according to the assay method of Kunitz (J. Gen. Physiol., 33, 349 and 363, 1950).

Storage: -20°C. Keep dry.