

Product Specification

Product Name: RNase A $\geq 100\text{U/mg}$ *opti
 Bos taurus - pancreas
 Ribonuclease A

Item Nr.: 1387 MW: 13.7 kDa 124 amino acids
 CAS Nr.: 9001-99-4 E.C.Nr.: 3.1.27.5 EINECS: 232-646-6

Parameter	Method	Specification	Unit
Appearance	visual	white lyophilisate	
Solubility	0.5% in H ₂ O or 0.1 M acetate buffer pH 5.0	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Activity	Kunitz	>100	Kunitz U/mg
Loss on drying		< 5	%
Microbiological test	Total count	< 1000	CFU/g
Unit definition	The amount of enzyme that causes the hydrolysis of RNA such that the velocity constant k equals unity (Kunitz units) at pH 5.0 and 25°C. Kunitz, M. (1946) J. Biol. Chem. 164, 563. (1200 Kunitz units correspond to 1 μkatal)		

Storage: Keep well closed at -20°C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

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