

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name	RNase A, Lyophilized
Catalog Number	EV-NUC-007
OEM Reference	GPE007001
Category	Ribonuclease
Lot Number	LOT-PENDING — Enter lot number on release
Manufacturing Date	See product label
Expiry Date	See product label
Storage Conditions	-20°C
Appearance	Light yellow or white lyophilized powder
Grade	Research Grade
Regulatory Status	For Research Use Only (RUO)

SPECIFICATIONS AND TEST RESULTS

Parameter	Specification	Test Method	Result	Pass/Fail
Appearance	White to off-white lyophilized powder	Visual inspection	Conforms	PASS
Specific Activity	≥40 Kunitz units/mg protein	Absorbance increase at 260 nm when yeast RNA is hydrolyzed at 37°C and pH 5.0	Conforms	PASS
Purity	≥95% by SDS-PAGE	SDS-PAGE with Coomassie staining	Conforms	PASS
DNase Activity	None detected	Incubation with supercoiled plasmid DNA followed by agarose gel electrophoresis	None detected	PASS
Endonuclease Contamination	None detected	Incubation with λ DNA followed by agarose gel electrophoresis	None detected	PASS
Exonuclease Contamination	None detected	Incubation with linear DNA followed by agarose gel electrophoresis	None detected	PASS
Extinction Coefficient (E1%)	7.1 ± 0.5 at 280 nm	UV spectrophotometry	Conforms	PASS
Functional Activity	Complete degradation of 1 µg yeast RNA in 15 min at 37°C	Agarose gel electrophoresis of RNA substrate	Conforms	PASS

RELEASE AUTHORISATION

QC Status	RELEASED — Meets Enzoverta Life Sciences specifications
Authorised By	Enzovera Quality Control Department
Issue Date	2026-05-14
Document Number	CoA-EV-NUC-007-LOT-PENDING

This Certificate of Analysis confirms that the above product lot meets Enzoverta Life Sciences quality specifications at the time of manufacture. For technical assistance, contact techsupport@enzovera.com.
For Research Use Only. Not for use in diagnostic procedures.