

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name	DNase I, Sterile Lyophilized
Catalog Number	EV-NUC-009
OEM Reference	GPE017001
Category	Endonuclease
Lot Number	LOT-PENDING — Enter lot number on release
Manufacturing Date	See product label
Expiry Date	See product label
Storage Conditions	-20°C
Appearance	White or off-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 or off-white lyophilized powder	Visual inspection	Conforms	PASS
Purity	≥90%	SDS-PAGE	Conforms	PASS
Specific Activity	≥2000 U/vial	Supercoiled plasmid pBR322 DNA degradation assay at 37°C, pH 7.5 (1 U degrades 1 µg DNA in 10 min)	Conforms	PASS
RNase Contamination	Not detectable	RNase residual activity assay	Not detected	PASS
Endotoxin	≤10 EU/mg	LAL endotoxin assay	Conforms	PASS
Microbial Count	Total aerobic bacterial count ≤5 cfu/g	Microbial enumeration (USP <61>)	Conforms	PASS
pH (Reconstituted Solution)	7.0–8.0 at 25°C	pH meter	Conforms	PASS
Sterility	Sterile (no growth)	Sterility test (USP <71>)	No growth observed	PASS

RELEASE AUTHORISATION

QC Status	RELEASED — Meets Enzoverta Life Sciences specifications
Authorised By	Enzoverta Quality Control Department
Issue Date	2026-05-14
Document Number	CoA-EV-NUC-009-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.