

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name	Glucose Dehydrogenase (GDH-FAD), Lyophilized
Catalog Number	EV-OXR-001
OEM Reference	GPE006001
Category	Oxidoreductase
Lot Number	LOT-PENDING — Enter lot number on release
Manufacturing Date	See product label
Expiry Date	See product label
Storage Conditions	-20°C or lower in a non-frost-free freezer; avoid repeated freeze-thaw cycles
Appearance	Yellow 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	≥300 U/mg lyophilized powder	Spectrophotometric assay based on hydrogen peroxide production at pH 7.5, 37°C	Conforms	PASS
Purity	>95%	SDS-PAGE with Coomassie staining	Conforms	PASS
Molecular Weight	Approximately 65 kDa	SDS-PAGE	Conforms	PASS
Isoelectric Point (pI)	5.6 ± 0.2	Isoelectric focusing	Conforms	PASS
Nuclease Contamination	None detected	Gel electrophoresis with genomic DNA substrate	None detected	PASS
Protease Contamination	None detected	Gel electrophoresis with casein substrate	None detected	PASS
Endotoxin Level	None detected (<0.1 EU/mg)	Limulus amoebocyte lysate (LAL) assay	None detected	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-OXR-001-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.