

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name	10× Running Buffer with EDTA (500ml)
Catalog Number	EV-SGR-006
Category	CE Running Buffer
Lot Number	LOT-PENDING — Enter lot number on release
Manufacturing Date	See product label
Expiry Date	See product label
Storage Conditions	-20°C, protect from light
Appearance	Clear colorless solution
Grade	Research Grade
Regulatory Status	For Research Use Only (RUO)

SPECIFICATIONS AND TEST RESULTS

Parameter	Specification	Test Method	Result	Pass/Fail
Appearance (10× Concentrate)	Clear, colorless to pale yellow liquid, free of particulates	Visual inspection	Clear, colorless liquid, no particulates observed	PASS
pH (1× Working Solution, 25°C)	8.0 ± 0.2	pH meter calibrated with standard buffers	8.1	PASS
Conductivity (1× Working Solution, 25°C)	2.0 - 3.0 mS/cm	Conductivity meter	2.4 mS/cm	PASS
EDTA Concentration (10× Concentrate)	20 mM ± 5%	Spectrophotometric assay with metal ion complexation	19.8 mM	PASS
Performance Test - CE Separation	Resolution ≥0.5 between adjacent peaks; baseline stable (±5 RFU)	ABI 3730xl with POP-7 polymer, 36 cm capillary array, ROX size standard injection	Average resolution 0.68; baseline drift <3 RFU	PASS
Ionic Contaminants (1× Working Solution)	Ca ²⁺ , Mg ²⁺ , Fe ³⁺ each <0.1 ppm	ICP-MS	All tested ions <0.05 ppm	PASS
Sterility	No microbial growth detected	0.2 µm filtration; 14-day incubation in TSB at 30°C	No growth observed	PASS

RELEASE AUTHORISATION

QC Status	RELEASED — Meets Enzoverta Life Sciences specifications
Authorised By	Enzoverta Quality Control Department
Issue Date	2026-05-07
Document Number	CoA-EV-SGR-006-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.