
	Document ID:	TDS-RTL-005-100ML	Version:	004
	Date of Issue:	10-JAN-2022	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2024	Signature:	
	Title:	TECHNICAL DATA SHEET		

Trypsin-EDTA (0.25%) in HBSS (1X) w/ Phenol Red

SPECIMEN

Filtration	0.1µm sterile filtered
Product Code	RTL-005-100ML
Shelf Life	24 months from DOM
Storage Temperature	0 to -20°C
Shipping Temperature	Dry ice

Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colourless solution	n/a
pH @ 22°C	Electronic pH Meter	7.1 - 8.0	n/a
Osmolality	Osmometer	Test and Report	mOsm/kg
Endotoxin	LAL Kinetic	Test and Report	EU/ml
Sterility			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast and Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a
Cell Culture and Virology			
Cell Culture	Detachment of Viable Cells	≥ 75% viability	n/a
Porcine Parvovirus	qPCR	Not detected	n/a

Formulation

Components	CAS number	mg/L
EDTA-Na ₂	139-33-3*	200.00
KCl	7447-40-7	400.00
KH ₂ PO ₄	7778-77-0	60.00
NaCl	7647-14-5	8000.00
Na ₂ HPO ₄	7558-79-4	47.90
C ₆ H ₁₂ O ₆	50-99-7	1000.00
Trypsin	9002-07-7	2500.00
Phenol Red	34487-61-1	10.00
Sodium Bicarbonate	144-55-8	350.00

* For the EDTA-Na₂ Dihydrate (CAS number:6381-92-6) use 221.00 mg/L.

CAUTION: THIS PRODUCT IS INTENDED FOR LABORATORY USE ONLY



India Contact:
 Life Technologies (India) Pvt. Ltd.
 306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
 Email: customerservice@lifetechindia.com Website: www.lifetechindia.com