

	Document ID:	TDS-RTL-004-100ML	Version:	005
	Date of Issue:	10-JAN-2023	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	<b>TECHNICAL DATASHEET</b>		

### Trypsin (2.5%) in DPBS (10X)

Filtration, Treatment	0.1 µm sterile filtered.
Product Code	RTL-004-100ML
Shelf Life	24 months from DOM
Storage Temperature	- 20 to 0°C
Shipping Temperature	Dry ice

### QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colorless solution	n/a
pH at RT	Electronic pH Meter	7.1 - 8.0	n/a
Osmolality	Osmometer	Test and report	mOsm/kg
Endotoxin	LAL Kinetic	Test and report	EU/ml
<b>Sterility</b>			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a
<b>Cell Culture and Virology</b>			
Viability	Trypan Blue Exclusion	≥75%	n/a
Porcine Parvovirus	qPCR	Not detected	n/a

### Formulation

Components	CAS number	Concentration (mg/L)
Disodium hydrogen phosphate	7558-79-4	1150.00
Potassium Chloride	7447-40-7	200.00
Potassium dihydrogen phosphate	7778-77-0	200.00
Sodium Chloride	7647-14-5	8000.00
Trypsin	9002-07-7	25000.00

**Product Use:** This product is intended for laboratory use only.