
	Document ID:	TDS-RPL-002-100ML	Version:	005
	Date of Issue:	10-NOV-2023	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	<b>TECHNICAL DATASHEET</b>		

### Papain Solution Extra Stable

Filtration, Treatment	0.1 µm sterile filtered. w/o Ca, Mg
Product Code	RPL-002-100ML
Shelf Life	24 months from DOM. Avoid repeated freeze-thaw cycles.
Storage Temperature	≤ -15°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	6.0 - 7.0	n/a
Osmolality	Osmometer	260 - 320	mOsm/kg
Endotoxin	LAL Kinetic	≤ 2.5	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

### Formulation

Components	CAS number	Concentration (mg/L)
Papain	9001-73-4	61.25
The rest components and concentrations are confidential		

**Product Use:** This product is not intended for human or animal diagnostic or therapeutic use.  
This product is animal component free.