

	Document ID:	TDS-RGL-002-100ML	Version:	004
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	Review Date:	10-JAN-2025	Signature:	
	Title:	TECHNICAL DATASHEET		

Stabilized L-Glutamine Solution

Filtration, Treatment	0.1µm sterile filtered
Product Code	RGL-002-100ML
Shelf Life	2 years from DOM
Storage Temperature	-5 to -20°C
Shipping Temperature	Dry ice

QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colourless solution	n/a
pH at RT	Electronic pH Meter	Test and Report	n/a
Osmolality	Osmometer	Test and Report	mOsm/kg
Endotoxin	LAL Kinetic	≤ 1.0	EU/ml
Sterility			
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
Cell culture			
Viability	Trypan Blue Exclusion	Pass	n/a

Formulation

Components	CAS number	Concentration (mg/L)
L-alanyl-L-glutamine	9537-23-0	43440.00
Sodium Chloride	7647-14-5	8500.00

Ordering Information

Product Code	Description	Product Information	Storage	Size
RGL-002-100ML	Stabilized L-Glutamine Solution	200 mM (100X) L-alanyl-L-glutamine (43.44 mg/ml) in 0.85% sodium chloride, sterile filtered	-5 - (-20) °C	100 ml

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