
	Document ID:	TDS-RGL-001-100ML	Version:	004
	Date of Issue:	10-JAN-2023	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	TECHNICAL DATASHEET		

L-Glutamine Solution

Filtration, Treatment	0.1µm sterile filtered
Product Code	RGL-001-100ML
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

Formulation

Components	CAS number	Concentration (mg/L)
L-Glutamine	56-85-9	29200.00
Sodium Chloride	7647-14-5	8500.00

Ordering Information

Product Code	Description	Product Information	Storage	Size
RGL-001-100ML	L-Glutamine Solution	100X L-Glutamine (29.2 mg/ml, 200mM) in 0.85% Sodium Chloride solution, sterile filtered	-5 - (-20) °C	100 ml

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