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|--|----------------|-----------------------------|--------------|---|
|  | Document ID:   | TDS-RGL-002-100ML           | Version:     | 003   |
|  | Date of Issue: | 21-NOV-2022                 | Approved by: | Dr. Iman Kamranfar  |
|  | Review Date:   | 10-JAN-2024                 | Signature:   |  |
|  | Title:         | <b>TECHNICAL DATA SHEET</b> |              |   |

### Stabilized L-Glutamine Solution

SPECIMEN

|                      |                        |
|----------------------|------------------------|
| Filtration           | 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                |

### Specifications

| Physical and Chemical Analysis | Method               | Specifications             | Units   |
|--------------------------------|----------------------|----------------------------|---------|
| Appearance                     | Visual               | Clear, colourless solution | n/a     |
| pH @ RT                        | Electronic pH Meter  | Test and Report            | n/a     |
| Osmolality                     | Osmometer            | Test and Report            | mOsm/kg |
| Endotoxin                      | LAL Kinetic          | ≤ 1.0                      | EU/ml   |
| <b>Sterility</b>               |                      |                            |         |
| 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 Testing           | Internally Validated | Pass                       | n/a     |

### Formulation

| Components           | mg/L     |
|----------------------|----------|
| L-alanyl-L-glutamine | 43440.00 |
| Sodium Chloride      | 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 |

**CAUTION: THIS PRODUCT IS INTENDED FOR LABORATORY USE ONLY**



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