

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-22 16:05:20

Date of Next Testing: 2028-09-21 16:05:20

Product Name: **Sodium DL-lactate solution**

CAS Number: 72-17-3

Specifications & Purity: BioReagent, synthetic, syrup, suitable for mouse embryo cell culture, 60 % (w/w)

Lot #: I2519624

SKU #: **S755695**

Version: **3**

**Analysis #:** **563616**

Storage Temperature: Store at 2-8°C

| Parameter                                                                     | Limit Values                                     | Result                                           |
|-------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Sodium(Na)                                                                    | 10.2-13.7 (%)                                    | 11.40000 %                                       |
| Water by Karl Fischer                                                         | 35-45 (%)                                        | 38.70900 %                                       |
| Concentration                                                                 | 55-65 (%)                                        | 60.61000 %                                       |
| Appearance(S755695)                                                           | Colorless to Pale Yellow Clear<br>Viscous Liquid | Colorless to pale yellow clear<br>viscous liquid |
| NMR Spectrum 1H                                                               | Conforms to Structure                            | Conforms to Structure                            |
| Embryo Test >or=80% of the embryos developing to the hatched blastocyst stage | Pass                                             | Pass                                             |



John Su  
QA & QC Manager