WISENT BIOPRODUCTS

# Certificate of Analysis

## Iscove's Modification of DMEM, 1X

*WITH 25MM HEPES AND WITHOUT L-SERINE, GLYCINE, L-ALANINE, L-ASPARTIC ACID, L-GLUTAMIC ACID, L-METHIONINE, L-THREONINE, SODIUM PYRUVATE, L-GLUTAMINE AND GLUCOSE, STERILE*

**Catalog no.:** 319-267-**

**Lot no.:** 319267012

**Expiration date:** 03/2023

**MSDS:** Available upon request

**Shipping:** Ambient

**Storage:** Store refrigerated at 2 to 8°C

| TEST | SPECIFICATION | UNITS | RESULTS |
|---|---|---|---|
| Appearance | Clear red solution | NA | Conform |
| pH | $7.2 \pm 0.2$ | NA | 7.33 |
| Endotoxin | $< 0.25$ | EU/ml | Conform |
| Mycoplasma | Negative | NA | Negative |
| Sterility by USP | Pass | NA | Pass |
| Osmolality | INFO | mOsm/Kg $H_2O$ | 269 |

**ADDITIONAL INFORMATION:**
STABILITY: This liquid media has a data supporting a shelf life of 18 months when properly stored. Avoid freezing of this media, as it may cause precipitation upon thawing.

PREPARATION: Add the appropriate amount of antibiotic (serum, growth factors) to sterile media in order to obtain the required working concentration. Mix well and sterile filter (optional, reduces chances of contamination). Working concentration: selection of the proper working concentration is a balance between strong antibiotic effect and the concern for negative effects to the cells of importance. The working concentration should be varied above or below the suggested value to optimize for the cells.