

PRODUCT: Alpha MEM Earle's Salts
with Deoxyribonucleosides and
Ribonucleosides
without L-Glutamine

LOT # 0000039343

CATALOG #9144

MFR DATE: 12/23/2024

STORAGE: 2°- 8°C

EXPIRES: 12/31/2026

CERTIFICATE OF ANALYSIS

Products manufactured by FUJIFILM Irvine Scientific, Inc. are produced in accordance with *in vitro* diagnostic guidelines and the Good Manufacturing Practices Act, utilizing detailed production protocols, formulation and test procedures. FUJIFILM Irvine Scientific, Inc. is licensed by both Federal and State agencies and is inspected regularly for compliance.

Sterility	No evidence of bacterial or fungal contamination after incubation in fluid thioglycollate and soybean-casein digest media per Current USP <71>; 21 CFR, Part 610.12.
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Growth Support	Grows Normal Human Fibroblasts (NHF, diploid cell strain) to confluency when supplemented with 5% (v/v) fetal bovine serum and other appropriate additions. The cells were propagated for 3 serial passages and carried in parallel with a control lot of tissue culture medium. No evidence of toxicity, cytopathic effects or nutritional deficiency were observed.
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	<u>Range</u>	<u>Result</u>
pH	7.0 - 7.6	7.3
Osmolality	280 - 300 mOsm/Kg H ₂ O	291 mOsm/Kg H ₂ O
Endotoxin	≤1 EU/ml	Less than 0.05 EU/ml Chromogenic assay. LAL sensitivity 0.05 EU/ml.

Released By: Dalia Ramirez

Date: 01/14/2025

Title: QA Product Release Coordinator

Rev. 2