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Product Specification

Product Name:

Leukemia Inhibitory Factor from mouse - LIF, recombinant, expressed in E. coli, 10 µg/ml, buffered aqueous solution, suitable for cell culture

Product Number: **L5158**

MDL: MFCD00283681

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance	Conforms
Solution in phosphate buffered saline, containing 0.02% Tween 20.	
Concentration	Conforms
9-12 µg/ml	
Activity	Conforms
Specific Activity (cell growth arrest, M1 cells): Not less than 1×10^8 units/mg	
Unit definition: 50 units are defined as the amount of mouse LIF required to induce 50% growth inhibition of M1 cells.	
Purity	Conforms
by SDS-PAGE: > 95%	
Endotoxin Assay	Conforms
< 0.1 ng/µg LIF	

Specification: PRD.3.ZQ5.10000063849

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.