

Certificate of Analysis

Product Name :

Lysozyme from chicken egg white BioUltra, lyophilized powder, ≥98% (SDS-PAGE), ≥40,000 units/mg protein

Product Number : L4919-500MG**Batch Number :** 0000438466

Source Batch : 0000415422

CAS Number : 12650-88-3

MDL Number : MFCD00131557

Storage Temperature : -20°C

Formula Weight : 14,388 g/mol

Recommended Retest Date : Dec 2028

Quality Release Date : 23 Dec 2024

Test	Specification	Result
Suitability	Suitable	Suitable
for use as lysing agent for purifying plasmid DNA from E. coli		
Purity by SDS Electrophoresis	≥ 98 %	98 %
% Protein (UV)	≥ 90	92
units/mg Protein	≥ 40000	66430
One unit will lyse 0.6 µg of Micrococcus lysodeikticus per minute by turbidimetric detection at 600 nm when suspended in buffer at pH 6.2 at 25 °C		



Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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