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Certificate of Analysis

Product Name:

Adenosine Deaminase from bovine spleen - Type X, buffered aqueous glycerol solution, ≥ 130 units/mg protein

Product Number: A5043
Batch Number: SLBZ6131
Brand: SIGMA
MDL Number: MFCD00081287
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 02 NOV 2018

Test	Specification	Result
mg protein/ml (Biuret)	1.0 - 15.0	5.5
units/mg Protein	≥ 130	195
One unit will deaminate 1.0 micromole of adenosine to inosine per minute at pH 7.5 at 25 deg C		
Alkaline Phosphatase	≤ 0.01 %	0.00 %
Guanase	≤ 0.01 %	< 0.00 %
Nucleoside Phosphorylase	≤ 0.1 %	0.0 %
Free Ammonium	≤ 10 μ G/mg	0 μ G/mg



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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.