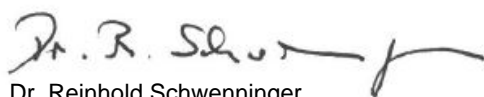


Certificate of Analysis

Product Name: Lysozyme from chicken egg white powder (crystalline), ~70000 U/mg
Product Number: 62971
Batch Number: BCCL1874
CAS Number: 12650-88-3
Formula:
Formula Weight:
Storage Temperature: 2-8 C
Quality Release Date: 08 DEC 2023
Recommended Retest Date: MAY 2027

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS OR WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
SOLUBILITY (COLOR)	COLORLESS	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR	CLEAR
SOLUBILITY (METHOD)	5 MG/ML 60 MM PHOSPHATE, 17 MM NACL, PH 7.0	5 MG/ML 60 MM PHOSPHATE, 17 MM NACL, PH 7.0
ENZYMATIC ACTIVITY	~ 70000 U/MG	108265 U/MG
UNIT DEFINITION	1 U CORRESPONDS TO THE AMOUNT OF ENZYME WHICH DECREASES THE ABSORBANCE AT 450 NM BY 0.001 PER MINUTE AT PH 7.0 AND 25 DEG C (MICROCOCCUS LUTEUS, ATCC 4698, AS SUBSTRATE).	1 U CORRESPONDS TO THE AMOUNT OF ENZYME WHICH DECREASES THE ABSORBANCE AT 450 NM BY 0.001 PER MINUTE AT PH 7.0 AND 25 DEG C (MICROCOCCUS LUTEUS, ATCC 4698, AS SUBSTRATE).



Dr. Reinhold Schwenninger

Quality Assurance

Buchs, Switzerland

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.

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