

Certificate of Analysis

Product Name: Rennin Mucor miehei
lyophilized, powder, slightly brown, ~ 0.1 units/mg

Product Number: 83553

Batch Number: BCBP3836V

CAS Number: 9073-79-4

Formula:

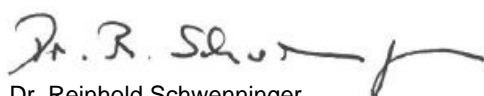
Formula Weight:

Storage Temperature: -20 C

Quality Release Date: 21 JUN 2023

Recommended Retest Date: NOV 2027

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO SLIGHTLY BEIGE OR	CORRESPONDS
BROWN		
APPEARANCE (FORM)	POWDER	POWDER
SOLUBILITY (COLOR)	FOR INFORMATION	FAINTLY YELLOW
SOLUBILITY (TURBIDITY)	FOR INFORMATION	CLEAR (<3.5 NTU)
ENZYMATIC ACTIVITY	≥ 0.08 U/MG	0.13 U/MG
UNIT DEFINITION	1 U CORRESPONDS TO THE AMOUNT OF ENZYME WHICH LIBERATES 1 UMOL FOLIN-POSITIVE AMINO ACIDS AND PEPTIDES (CALCULATED AS TYROSINE) PER MINUTE AT PH 7.5 AND 37 C (CASEIN, FLUKA NO. 22078, AS SUBSTRATE).	--
SOLUBILITY (METHOD)	--	5 MG/ML 10 MM NA ACETATE, 5 MM CA ACETATE, PH 6.5



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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