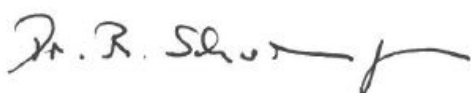


Certificate of Analysis

Product Name: α -Amylase Aspergillus oryzae
powder, ~ 30units/mg
Product Number: 10065
Batch Number: BCCF0417
Brand: Sigma
CAS Number: 9001-19-8
Formula:
Formula Weight:
Storage Temperature: 2-8 C
Quality Release Date: 16 DEC 2020
Recommended Retest Date: MAY 2024

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO BEIGE	FAINT BEIGE
APPEARANCE (FORM)	POWDER	POWDER
SOLUBILITY (COLOR)	COLORLESS TO FAINT BROWN	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR	CLEAR
SOLUBILITY (METHOD)	10 MG/ML IN 16 MM NA-ACETAT, PH 6.0	10 MG/ML IN 16 MM NA-ACETAT, PH 6.0
ENZYMATIC ACTIVITY	24.0 - 36.0 U/MG	30.6 U/MG
UNIT DEFINITION	1 U CORRESPONDS TO THE AMOUNT OF ENZYME WHICH LIBERATES 1 UMOL MALTOSE PER MINUTE AT PH 6.0 AND 25 C (STARCH ACC. TO ZULKOWSKY, CAT. NO. 85642, 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.