

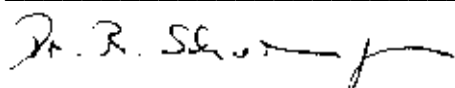
## Certificate of Analysis

Product Name:

 $\alpha$ -Amylase from *Aspergillus oryzae* - powder, ~30 U/mg

**Product Number:** 10065  
**Batch Number:** BCCM4916  
**Brand:** SIGMA  
**CAS Number:** 9001-19-8  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 26 NOV 2024  
**Recommended Retest Date:** MAY 2028

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
10 mg/ml in 16 mm Na-Acetate, pH 6.0		
Enzymatic Activity	24.0 - 36.0	30.0
(in U/mg) 1 U Corresponds to the Amount of Enzyme which Liberates 1 $\mu$ mol 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 CH

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](http://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.

