

Certificate of Analysis

SIGMA-ALDRICH®

Product Name	α -Chymotrypsin from bovine pancreas, Type II, lyophilized powder, ≥ 40 units/mg protein
Product Number	C4129
Product Brand	SIGMA
CAS Number	9004-07-3
Storage Temp	-20°C

TEST	SPECIFICATION	LOT 27H7005 RESULTS
APPEARANCE	WHITE TO OFF-WHITE POWDER	WHITE POWDER
SOLUBILITY		CLEAR COLORLESS SOLUTION AT 10 MG/ML OF 0.001 N HYDROCHLORIC ACID
PROTEIN BY UV ABSORBANCE	> OR = 85%	90%
ENZYMATIC ACTIVITY	> OR = 40 UNITS/MG PROTEIN	55 UNITS/MG PROTEIN
UNIT DEFINITION	ONE UNIT WILL HYDROLYZE 1.0 MICROMOLE OF BTEE PER MINUTE AT PH7.8 AT 25DEGC.	ONE UNIT WILL HYDROLYZE 1.0 MICROMOLE OF BTEE PER MINUTE AT PH 7.8 AT 25 DEG C.
QC RELEASE DATE		MARCH 1997



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