

Certificate of Analysis

Date of Testing: 2024-02-20 11:43:04
Date of Next Testing: 2026-02-09 11:43:04
Product Name: **α -Amylase**
CAS Number: 9000-90-2
Specifications & Purity: BR
Lot #: B2401075
SKU #: **A109182**
Analysis: **317835**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	3.80 %
Calcium ion concentration	148-152 ($\mu\text{g/g}$)	150.20 $\mu\text{g/g}$
Enzymatic Activity	≥ 2100 (IU/g OR u/g)	36685.00 IU/g OR u/g
Preservation rate of enzyme activity (six months)	≥ 85 (%)	86.00 %
Appearance (A109182)	Yellow to tan liquid	Yellow to tan liquid



John Su
QA & QC Manager