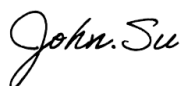


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-05-12 16:02:21
Date of Next Testing: 2024-05-01 16:02:21
Product Name: **Cellulase from Aspergillus niger(Carrier for starch)**
CAS Number: 9012-54-8
Specifications & Purity: powder,10,000U/g
Lot #: G2017039
SKU #: **C109262**
Analysis: **090453**

Parameter	Limit Values	Result
Enzyme activity	≥10000 (IU/g OR u/g)	12130.00000 IU/g OR u/g
Solubility	95-100 (%)	98.74000 %
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	78.40000 cfu/g
bacterial count	0-1000 (cfu/g)	447.00000 cfu/g
Appearance (C109262)	white to off-white powder	White to Off-White Powder



John Su
QA & QC Manager