

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-23 09:26:17  
Date of Next Testing: 2026-11-22 09:26:17  
Product Name: **Lignin (Alkaline)**  
CAS Number: 8068-05-1  
Specifications & Purity:  
Lot #: K2317401  
SKU #: **L330880**  
**Analysis: 292488**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH (10% Water)	9-12	11.98
Appearance(L330880)	Light Brown to Dark Brown powder	Light Brown to Dark Brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager