

## Certificate of Analysis

Date of Testing: 2023-07-31 13:52:00  
Date of Next Testing: 2026-07-30 13:52:00  
Product Name: **Lignin (Alkaline)**  
CAS Number: 8068-05-1  
Specifications & Purity:  
Lot #: G2315713  
SKU #: **L330880**  
**Analysis:** **243768**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH (10% Water)	9-12	9.25
Appearance(L330880)	Light Brown to Dark Brown powder	Light Brown to Dark Brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager