

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-03 17:16:41  
Date of Next Testing: 2027-12-03 17:16:41  
Product Name: **Lignin (Dealkaline)**  
CAS Number: 9005-53-2  
Specifications & Purity:  
Lot #: K2429679  
SKU #: **L195713**  
Version: **0**  
Analysis #: **440412**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	10-25 (%)	16.40%
Methoxyl Group(calcd.on anh.substance)	10-12.5 (%)	11.10%
Water by Karl Fischer	0-20 (%)	12.60%
PH (5%, water) 25 ° C	3-5.5	3.60



John Su  
QA & QC Manager