

## Certificate of Analysis

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**Product Name:** Lignin  
**Cat. No.:** CS-0093040  
**CAS No.:** 9005-53-2  
**Batch No.:** 40915  
**Chemical Name:** Lignine

### PHYSICAL AND CHEMICAL PROPERTIES

**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**

# Lignin

### ANALYTICAL DATA

**Appearance:** Brown to black (Solid)  
**Ignition Residue(Sulfate):** 15.8%  
**Methoxyl Group(calcd.on  
anh.substance):** 11.2%  
**pH:** 3.2  
**Water by Karl Fische:** 11.6%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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