Certificate of Analysis

Intermediate Material

Product Name:	Lignin alkali	**Catalogue Number:**	CIM-100630
Batch Size:	N/A	**Lot Number:**	0914-RH-0111
CAS Number:	8068-05-1	**Production Date:**	Jun 11, 2026
Molecular Formula:	N/A	**Expiry Date:**	Jun 10, 2028
Molecular Weight:	N/A	**Storage:**	2°C ~ 8°C Protected from light and Sealed
		Shipping Condition:	Shipping at Room Temperature

Chemical Structure: N/A

Test Items	Acceptance Criteria	Results
Appearance	Yellow-Brown Solid	Yellow-Brown Solid
Moisture(%)	NMT 5.0	4.35
pH Value	9-12	9.5
Na2SO4(%)	NMT 5.0	3.15
Reduzate(%)	NMT 4.0	2.6
Water Insoluble(%)	NMT 1.5	1.2
Other Salt(%)	0.3-1.5	0.7

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Sep 20, 2026

Reviewed by: Date: Sep 20, 2026

Approved by General Manager: Date: Sep 20, 2026

CATO Research Chemicals Inc.