

Certificate of Analysis

Intermediate Material

Product Name:	Lignin alkali	Catalogue Number:	CIM-100630
Batch Size:	N/A	Lot Number:	1128-RE-0048
CAS Number:	8068-05-1	Production Date:	Nov 08, 2023
Molecular Formula:	N/A	Expiry Date:	Nov 07, 2025
Molecular Weight:	N/A	Storage:	2°C ~ 8°C Protected from light and Sealed

Test Items	Acceptance Criteria	Results
Appearance	Brown to Black Solid	Brown to Black Solid
Moisture	≤5.0%	4.35%
pH	9-12	9.5
Na2SO4	≤5.0%	3.15%
Water Insoluble	≤1.5%	1.2%
Other Salt	0.3-1.5%	0.7%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Dec 01, 2023

Date: Dec 01, 2023

Date: Dec 01, 2023

