



केन्द्रीय लुग्दी एवं कागज अनुसंधान संस्थान Central Pulp & Paper Research Institute

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CPPRI/CR-Test/02-03/R-27

27/12/2002

ANALYSIS REPORT OF STRONG BLACK LIQUOR SAMPLE

COMPANY

Cachar Paper Mills

YOUR REFERENCE NO.

CPM/TS/M-28/02

SAMPLE DETAILS

Strong Black Liquor, Evaporator Outlet

S.NO.	PARAMETERS	VALUE
1.	Inorganics as NaOH, % w/w	37.5
2.	Organics (by difference), % w/w	62.5
3.	Carbon as C, % w/w	34.3
4.	Hydrogen as H, % w/w	3.8
5.	Nitrogen as N, % w/w	0.5
6.	Sulphur as S, % w/w	2.5
7.	Sodium as Na, % w/w	18.5
8.	Potassium as K, % w/w	3.1
9.	Calcium as Ca, % w/w	0.11
10.	Magnesium as Mg, % w/w	Not determined
11.	Iron as Fe, % w/w	0.01
12.	Chlorides as Cl, % w/w	1.8
13.	Silica as SiO ₂ , % w/w	1.4
14.	Mixed Oxides as R ₂ O ₃ , % w/w	0.01
15.	Sulfates as SO ₄ , % w/w	1.4
16.	Gross Calorific value, cal/gm	3197

(A.K.DDNT)
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