



INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION

TEST REPORT

Ref.:IJIRA/CBPD/Analytical/TSR-195/2026-27

Dt.17.08.2026

Supplier's Name	: SPECTRA LUBRICANTS SOLUTIONS
Manufacturer's Name	: S A SHAMIM JUTE MILLS LTD.
Information Required	: MOSH & MOAH Content
Product Description	: HESSIAN JUTE BAG, SIZE:105CM, WIDTH:74CM, PORTER:11, SHOT:10 BAG WEIGHT: 630 GM 100% JUTE FIBRE
Customer SampleRef.	: LETTER DATED 08/08/2026
InternalSampleCode	: CBPD/26-27/230
Sample(s)Received	:01 SAMPLE OF JUTE BAG
Sample Picture (as received):	



Note: The results relate only to the samples submitted by customer for testing.

Page 1 of 2

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JUTE IS ECO-FRIENDLY AND RENEWABLE SOURCE OF ENERGY

TEST RESULT

Test Method: Based on BfR method 2009 (SPE-GC-FID)

Sample Mark	Test Parameter	Unit of Measure	Test Result
HESSIAN JUTE BAG, SIZE:105CM, WIDTH:74CM, PORTER:11, SHOT:10 BAG WEIGHT: 630 GM 100% JUTE FIBRE	MOSH/MOSH Analogue($\geq C_{10}-\leq C_{16}$)	mg/kg as CyCy	10.51
	MOSH/MOSH Analogue($>C_{16}-\leq C_{20}$)	mg/kg as CyCy	59.32
	MOSH/MOSH Analogue($>C_{20}-\leq C_{35}$)	mg/kg as CyCy	64.25
	MOSH/MOSH Analogue($>C_{35}-\leq C_{40}$)	mg/kg as CyCy	2.08
	MOSH/MOSH Analogue($>C_{40}-\leq C_{50}$)	mg/kg as CyCy	1.41
	MOAH($\geq C_{10}-\leq C_{16}$)	mg/kg as 1-MN	1.95
	MOAH($>C_{16}-\leq C_{20}$)	mg/kg as 1-MN	3.06
	MOAH($>C_{20}-\leq C_{35}$)	mg/kg as 1-MN	4.17
	MOAH($>C_{35}-\leq C_{40}$)	mg/kg as 1-MN	0.51
	MOAH($>C_{40}-\leq C_{50}$)	mg/kg as 1-MN	0.00
	MOSH($\geq C_{10}-\leq C_{50}$)	mg/kg as CyCy	137.57
	MOAH($\geq C_{10}-\leq C_{50}$)	mg/kg as 1-MN	9.69

Note: ¹Sampling was conducted on the entire bag after shredding and homogenization. ²MOSH result might contain MOSH analogues, which, due to their chemical similarity, are very difficult to separate from MOSH through this analytical method. MOSH analogues contain POSH (Polyolefin oligomeric saturated hydrocarbons), PAO (Poly Alpha Olefin) and MORE (Mineral oil refined products)

***** End of Report*****

Tested by: Mr. A.R. Dewan & Mr. R. K. Paral


 (Ipsita Roy)
 In-Charge, CBPD
