



# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)  
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org  
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE NO. : C1/0000027374

**Issued To:**

Client Code : E0210  
ENCRAFT INDIA PRIVATE LIMITED  
KHASRA NUMBER 1000-1001, BEEHIVE  
COLLEGE ROAD, JAMANPUR, CENTRAL  
HOPE TOWN, SELAQUI INDUSTRIAL  
AREA,  
DEHRADUN  
UTTARAKHAND-248197  
Kind Attn: MR. ARVIND MANN

Date 25/01/2016  
Job No. 1601-1-141-47  
Booking No. RG1516/1/8770  
Booking Date 01/01/2016  
Customer Ref No. -  
Customer Ref Date 17/12/2015

**Sample Description :**

ONE SAMPLE DESCRIBED AS PVC MATERIAL, WAS RECEIVED  
The sampling was not carried out by shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party.

As Per guidelines of IS:9845-1998

S.No. Tests	Results	Requirement as per IS:10151:1982 (Reaffirmed 2008)	Conformity
A. Overall Migration test			
1. Water at 121°C for 2 hour, mg/liter	19.0	60 Max.	Yes
mg/dm <sup>2</sup>	1.9	10 Max.	Yes
2. Water at 100°C for 2 hour, mg/liter	14.4	60 Max.	Yes
mg/dm <sup>2</sup>	1.4	10 Max.	Yes
3. Water at 70°C for 2 hour, mg/liter	11.8	60 Max	Yes
mg/dm <sup>2</sup>	1.2	10 Max.	Yes
4. Water at 40°C for 10 days, mg/liter	20.8	60 Max.	Yes
mg/dm <sup>2</sup>	2.1	10 Max.	Yes
5. 3% Acetic acid at 121°C for 2 hour mg/liter	27.7	60 Max.	Yes
mg/dm <sup>2</sup>	2.8	10 Max.	Yes

AUTHORISED SIGNATORY  
EMPLOYEE CODE : ( 4159 )



# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)  
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org  
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE NO. : C1/0000027374

6.	3% Acetic acid at 100°C for 2 hour				
	mg/liter	23.6	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.4	10 Max	Yes	
7.	3% Acetic acid at 70°C for 2 hour				
	mg/liter	21.8	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.2	10 Max	Yes	
8.	3% Acetic acid at 40°C for 10 days				
	mg/liter	26.2	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.6	10 Max	Yes	
9.	10% Alcohol at 40°C for 10 days				
	mg/liter	24.5	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.5	10 Max	Yes	
10.	10% Alcohol at 70°C for 2 hours				
	mg/liter	22.7	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.3	10 Max	Yes	
11.	50% Alcohol at 40°C for 10 days				
	mg/liter	28.4	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.8	10 Max	Yes	
12.	50% Alcohol at 70°C for 2 hours				
	mg/liter	23.8	60 Max.	Yes	
	mg/dm <sup>2</sup>	2.4	10 Max.	Yes	
12.	n-heptane at 66°C for 2 hours				
	mg/liter	7.1	60 Max.	Yes	
	mg/dm <sup>2</sup>	0.7	10 Max.	Yes	
14.	n-heptane at 49°C for 30 mins.				
	mg/liter	5.4	60 Max.	Yes	
	mg/dm <sup>2</sup>	0.5	10 Max.	Yes	

*Prakash*  
AUTHORISED SIGNATORY  
EMPLOYEE CODE : ( 1159 )



# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)  
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : [www.shriraminstitute.org](http://www.shriraminstitute.org)  
E-mail id : [customer care@shriraminstitute.org](mailto:customer care@shriraminstitute.org)

## TEST CERTIFICATE

NO. : C1/0000027374

15. n-heptane at 38°C for 30 mins.

mg/liter 4.5

60 Max. Yes

mg/dm<sup>3</sup> 0.4

10 Max. Yes

\*\*\*\*\*

D.O.R 01-01-2016

D.O.C 23-01-2016

AUTHORISED SIGNATORY  
EMPLOYEE CODE : (U159)