

<b>Laboratory</b>	<b>Central Wood Testing Laboratory, The Rubber Board, RRDTTC Complex, Manganam P.O., Kottayam, Kerala</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>17.12.2013</b>
<b>Certificate Number</b>	<b>T-1681</b>	<b>Valid Until</b>	<b>16.12.2015</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. INDUSTRIAL AND FINE CHEMICALS</b>				
1.	<b>Copper Sulphate</b>	Copper	IS: 261:1982 (2 <sup>nd</sup> Rev, Amendment 1, Reaffirmed year-2006 method Cl: A- 2.1)	24.00 – 26.00 %
2.	<b>Potassium bichromate</b>	Potassium bichromate	IS:250:1964 (Revised, Reaffirmed year 2010)	99.00 -101.00 %
3.	<b>Boric acid</b>	Boric acid	IS: 263 :1990 (5 <sup>th</sup> Revision, Reaffirmed year 2005) method Cl: A- 2.2	99.00 –101.00%
4.	<b>Borax</b>	Sodium tetraborate decahydrate	IS: 1109 Part1-1980 (2 <sup>nd</sup> Revision, Reaffirmed year-2010 method, Cl: A- 2.2)	99.00 –103.00%
5.	<b>Preservative solution CCB solution (Copper-Chrome- Boric Acid)</b>	Copper as CuSO <sub>4</sub> .5H <sub>2</sub> O	IS: 2753 Part1-1991 (1 <sup>st</sup> Revision, Reaffirmed year-2010 method cl: 4.4.2)	0.19-7.20 g/100 ml
Chromium as Potassium bichromate		IS: 2753 Part1-1991 (1 <sup>st</sup> Revision Reaffirmed year-2010 method cl: 4.4.3)	0.24 -7.20 g/100ml	
Boron as Boric acid		MOAC.Doc:40 Issue No 3, Issue Date: 1/12/10 Based on Vogel's text book of Quantitative Chemical analysis V <sup>th</sup> edition procedure No.10.34 & IS: 2753 Part1-1991 1 <sup>st</sup> Revision Reaffirmed year-2010	0.09-7.20 g/100ml	

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6.	<b>Boric acid: Borax solution</b>	Boron as Boric acid	MOAC.Doc:41 Issue No: 3 Issue date 1/12/10 Based on Vogel's text book of Quantitative Chemical analysis V <sup>th</sup> edition procedure No.10.34 & IS: 2753 part1-1991 1 <sup>st</sup> Revision Reaffirmed year-2010	0.03-10.00 g/100ml

## II. BUILDING MATERIALS

1.	<b>Treated timber</b>			
	<b>Boric acid: Borax treated</b>	Boron as Boric acid	IS: 2753 Part1-1991 (1 <sup>st</sup> Revision Reaffirmed year-2010 method cl:6.0)	0.60 – 50.00 kg/m <sup>3</sup>
	<b>Copper-chrome-boric</b>	Copper (Cu) as CuSO <sub>4</sub> .5H <sub>2</sub> O	IS: 2753 part1-1991 (1 <sup>st</sup> Revision, Reaffirmed year-2010 method cl:4.4.2&4.3.1)	0.60 – 50.00 kg/m <sup>3</sup>
		Chromium (Cr) as Potassium bichromate.	IS: 2753 Part1-1991 1 <sup>st</sup> Revision, Reaffirmed year-2010 method cl:4.4.3	0.60 -50.00 kg/m <sup>3</sup>
		Boron as Boric acid	IS: 2753 part1-1991 (1 <sup>st</sup> Revision Reaffirmed year-2010 method cl:6.0)	0.60 -50.00 kg/m <sup>3</sup>
		<b>Spot tests</b>		
		Detection of Cu	IS: 401- 2001 (4 <sup>th</sup> revision Reaffirmed year-2006 method cl:D-2.1)	Qualitative test

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Detection of Cr	IS: 401- 2001 (4 <sup>th</sup> revision Reaffirmed year-2006) method cl:D-2.2	Qualitative test
		Detection of B	IS: 401- 2001 (4 <sup>th</sup> revision Reaffirmed year-2006 method cl:D-3)	Qualitative test
		Detection of Pentachlorophenol	BS: 5666:Part 2:1980 Method cl:4.4.8	Qualitative test
<b>III. ADHESIVES</b>				
<b>1.</b>	<b>Glue</b>	Viscosity	IS: 9316 Part 2:1987 (1 <sup>st</sup> Revision Amendment 1 Reaffirmed Year 2008 Method cl: 1.1)	52 Cp-172,600Cp
		pH Value	IS: 4835 1979 (1 <sup>st</sup> Revision Reaffirmed year 2000 Method cl : B-5.1)	1.0 - 12.0 units

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