



# BIRASINI TEST HOUSE

Govt. Approved / NABL-ISO 9001 : 2015 Certified Laboratory



## TEST REPORT

Issued To,  
M/S Triar Health & Hygiene LLP,  
A1/203, Tower 2, Puranchal Royal Park,  
Sector 137, Noida-201301

Report No. : 100-11012020-11  
Report Date : 21/01/2020  
Sample Received On : 11/01/2020  
Analysis Date : 11/01/2020  
Report Prepared On : 21/01/2020  
Submitted by : Customer

Sample Description : Sanitary Pad  
Size : 'XL' (320 mm)  
Brand Name : RHEIA

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S.no	Parameter	Unit	Result	Limit
1.	Penetration Test (By Cone Test ) (EAS 96: 2008 Annex'B')	-	Water Resistance	Shall be Water Resistance (No Wetting of outer surface and no water penetration)
2.	Aerobic Biodegradation Test (ASTM: D5338) Temperature: 58-60 °C	%	100 % Biodegradation	70 % Min. (Conversion of Carbon CO <sub>2</sub> )
3.	Retention Capacity after centrifugation	g/g	36	-
4.	Fungal Bacterial Count (Before & After UV Exposure) Total Aerobic Microbial Count (IS: 5402)	Per/g	Before UV: 100 After UV: <10	-
	Yeast and mold (Fungal Count) (IS: 5403)	Per/g	Before UV: <10 After UV: <10	-
5.	Absorption Capacity (IS: 5405: 1980)	ml	120	-



- Note :**
1. The test results listed pertain to the sample tested and applicable parameters.
  2. Total liability of this lab is limited to Invoice amount
  3. Any discrepancy found in the test report may be communicated with in seven days from the date of issue to Test Report.
  4. Remainder of Sample tested may be collected within 15 days from the date of issue of test report After which it shall be disposed off.
  5. The test report should not be produced as an evidence for any legal purpose without the prior permission of the director, BTH.

Laboratory Office: 20/6/5, Site- IV, Sahibabad Industrial Area, Ghaziabad - 201010 U.P.

E-mail : birasinitesthouse@gmail.com, Website : www.birasinitesthouse.in

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6.	Absorbency and ability to with stand pressure after absorption (IS: 5405-1980)	-	No Stain Through/Leak through observe at the bottom or sides of the sanitary napkins after the napkin has absorbed 30 ml of Coloured Water.	Sanitary napkins shall absorbed 30 ml of coloured water or oxalate fluid when flowed on to the centre of the napkin (at the rate of 15 l per minute) and it shall not stain through/Leak through at the bottom or sides of the sanitary Napkin.
7.	Ph Value	-	7.3	The pH of the absorbent material shall be 6 to 8.5
8.	Disposability	-	Pad disintegrated of water within 5 minutes	The pad shall disintegrate in the water in not more than 5 minutes, when immersed in 15 ltr. Of water and stirred.
9.	Antibacterial Activity Test			
	Escherichia Coli (E-coli)	%	>99	Antibacterial activity value $\geq 1.0$ (% of antibacterial activity $\geq 90\%$ ) the product with antibacterial activity. Antibacterial activity value $\geq 2.0$ (% of antibacterial activity $\geq 99\%$ ) the product with antibacterial activity. Used Protocol: GB/T 20944-2
10.	Tensile Strength (MD)	g/inch	920	-
	Tensile Strength (CD)	g/inch	390	-

Note: The Test Report and Results relate only to sample/items tested

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

U: A31/V



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