

## TEST REPORT

**LAB NO.:** 2302062/ 1

**DATE:** 18/09/2023

**NAME OF CUSTOMER** : M/S. Rayush Natural Fibers Pvt. Ltd.  
**ADDRESS** : Plot no-19, Umiya Industrial Park,  
 Chhataral, Gandhinagar, Gujarat-382715  
**REFERENCE** : Letter dated September 13, 2023  
**DATE OF RECEIPT** : 13/09/2023  
**DATE OF INITIATION** : 13/09/2023  
**DATE OF COMPLETION** : 18/09/2023  
**SAMPLE DESCRIPTION** : Sample labeled as -

Sr. No.	Description
1.	Furnishing Fabric



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**Name of Test:**

Mosquito Repellency of Fabric Samples by Modified WHO/ CTD/ WHO PES/IC/96.1

**Mosquitoes used:**

Female – Anopheles spp. – 10 mosquito per exposure

**Excito Repellency Test chamber:**

Metal chamber measuring 26 cms x 26 cms with flexible sides and top window for viewing

**Size of the Fabric:**

1 metre approximately

**Duration of Test:**

30 minutes

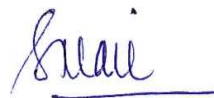
**Procedure:**

Mosquitoes were released in Excito Repellency chamber made using treated Fabric to observe change in behaviour in the form of moving away from Treated Fabric chamber to untreated one. Following observations were recorded in 10 minutes and after ½ an hour –

Sample Identification	No. of Mosquitoes released in Chamber	No. of Mosquitoes on Treated Fabric	No. of Mosquitoes on Untreated Fabric	No. of Mosquitoes showing mobility	Percentage repellency
Furnishing Fabric (Initial)	10	03	07	00	70
Furnishing Fabric (½ hr)	10	02	08	00	80

P.S.: Percentage Repellency Efficiency is equivalent to Percentage protection imparted by the fabric.

**For BIOTECH TESTING SERVICES**

Dr Shilpa U. Nair  
Quality Manager  
(Authorized Signatory)

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