

12.03.2021

CERTIFICATE OF PERFORMANCE


This is to certify that Putty Sample submitted by **M/s. ULTRATECH CEMENT LIMITED (UNIT: BIRLA WHITE)** labeled as **Birla White Bio-shield Putty** was evaluated for Antiviral /Antimicrobial/Antifungal & Antialgal Activity. It has shown **99.93%** and **>99.98%** antiviral activity towards MS2 Bacteriophage in 2 & 24 hours by ISO 21702: 2019 test Method. **>99.99%** and **99.97%** antimicrobial activity towards Staphylococcus aureus and Escherichia coli by JIS Z 2801: 2010 test Method.. **No growth** of Fungal & algal by ASTM D 5590: 2017 and ASTM D 5589-09 (2013) test method. Based on results, **Birla White Bio-shield Putty** has exhibited Antiviral Antimicrobial/Antifungal & Antialgal property.

Disclaimer:

Bacteriophages are viruses of Bacteria. They are suitable only as a Preliminary screen in the development of germicidal product. Due to variation in virus antigen, for specific virucidal claims, test should be conducted specifically with that virus

For BIOTECH TESTING SERVICES




Dr Shilpa U. Nair
Quality Manager
(Authorized Signatory)

- Samples are not drawn by the laboratory
- Result relate only to the samples tested
- This report shall not be reproduced except in full without prior permission of this laboratory