

TEST REPORT

Test Report Issued To:

JK MAXX PAINTS

29/1, KAMLA TOWER, DWARIKADHISH ROAD, KANPUR,  
KANPUR NAGAR,  
KANPUR, UTTAR PRADESH - 208001,  
INDIA

Test Report No: A1N260207007/N260207007-11

Issue Date: 03-Apr-2026

Sample Booking/Receipt Date: 07-Feb-2026

Test Start Date: 09-Feb-2026

Test Completion Date: 30-Mar-2026



Customer Relationship Number 83538

Sample Description :

Exterior Emulsion: JK Pro Maxx Maximo EXE 401 Waterproofing  
Primer: JK ProXprt WRT 2000.



Sample Condition : Good

Sample Quantity (Approx) : 1 - CANE

Sample Size (Approx) : NA - LTR

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED



ULR-TC63142600006813F

Digitally signed  
by Soni Pathak  
Date: 2026.03.10  
16:40:38 +05:30

Report Issued By

Authenticity of report can be verified by mail at [verification@xoin.eurofinsasia.com](mailto:verification@xoin.eurofinsasia.com)

This is a Digitally Signed Report and hence doesn't require Physical Signature.

Legal Entity: Spectro Analytical Labs Private Limited (formerly Spectro Analytical Labs Limited), CIN : U74220DL1998PTC082698  
(part of Eurofins Scientific SE)

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**TEST REPORT**
**Discipline: - Biological**  
**Group: - Miscellaneous**
**TEST REPORT OF RESISTANCE OF FUNGAL GROWTH TEST**
**Sample Description:** Exterior Emulsion

**Test Method:** ASTM G21-2015

**Test Principle:**

The test procedure is for determining the effect of fungi on the properties of synthetic polymeric materials in the form of molded and fabricated articles, tubes, rods, sheets and film materials and how any mould may affect the performance and other relevant properties. Since mould growth conditions include high relative humidity, the test is applicable to Polymeric Materials intended for transportation, storage and use under humid conditions over a period of some days at least.

**Test Apparatus:**

- a.) Analytical balance, pH meter, Autoclave,
- b.) Biosafety Cabinet
- c.) Microscope
- d.) Humidity chamber
- e.) Counting chamber
- f.) Atomizer

**Media**

Nutrient Salts Broth, Nutrient Salts Agar

**Culture details and sample preparation:**

All the reference cultures grow on selective media at 29±1°C for 10-14 days separately. After completion the incubation period separately isolate the spores from each reference cultures and calculate the number of spores by counting chamber, now mixed all the reference cultures spores approximate 1000000 ± 200000 spores per ml in atomizer, immediately use of spores is recommended. Following reference cultures used in test.

- a) *Aspergillus brasiliensis* ATCC-9642
- b) *Penicillium funiculosum* ATCC-11797
- c) *Chaetomium globosum* ATCC-6205
- d) *Trichoderma virens* ATCC-9645
- e) *Aureobasidium pullulans* ATCC-15233

  
 YOGESH MALIK  
 Reviewed By


TC-6314



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Authorised Signatory

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**TEST REPORT**
**Control strips preparation:**

Place the three control strips (pure white filter paper) in a glass petri dish with nutrient salt solution, allow to wet and remove the strip from this solution and allow to drain free of drips immediately before use. Prepare the control strips and the nutrient salt solution freshly on the same day of test.

**Test conditions:** Temperature of 28 to 30 °C and a relative humidity of not less than 85 % RH percent.

**Procedure: -**

Inoculation of the outer surface of test specimens and control strips with spore suspensions shall be carried out by spraying. Incubate all the sample and controlled strips at temperature of 28 to 30 °C and a relative humidity of not less than 85 % RH including 03 Control strips. Sealed the glass gate of chamber by pasting paper tape. Every week from outside the glass gate growth of mould was observed, details mentioned in below table.

**Observation table: -**

S. No.	Test Parameters	Test Method	Test Organism	Growth Rate
1.	Fungi Resistance  Test conditions- Temp.- 28 to 30°C RH- Not less than 85 % Duration- 28 days	ASTM G21-2015	<i>Aspergillus brasiliensis</i> (ATCC-9642) <i>Penicillium funiculosum</i> (ATCC-11797) <i>Chaetomium globosum</i> (ATCC-6205) <i>Trichoderma virens</i> (ATCC-9645) <i>Aureobasidium pullulans</i> (ATCC-15233)	0

After completion, the incubation period observed all the samples and controlled strip under microscope. Observation: Growth rate 0 i.e. Substrate is devoid of microbial growth.

**Remarks:** The Sample has not shown any Fungal growth during incubation; hence sample is acceptable.

**Evaluation scheme for Extent of growth: -**

Grade	Observed Growth on Specimens (Sporulating Or Non-Sporulating or Both)
0	None
1	Traces of growth (less than 10 %)
2	Light growth (10 to 30 %)
3	Medium growth (30 to 60 %)
4	Heavy growth (60 % to complete coverage)

  
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**Spectro Analytical Labs Private Limited (formerly Spectro Analytical Labs Limited)** undertakes to provide services to its customer subject to the terms & conditions mentioned here-

- Area of Application**
  - All Orders accepted by Spectro Analytical Labs Private Limited (formerly Spectro Analytical Labs Limited) (collectively "SLO") will be governed by these General Terms and Conditions of Sale (the "Terms and Conditions"), including orders placed by telephone which have not been confirmed in writing and orders made by delivery of samples. A contract with these Terms and Conditions shall be deemed to have been placed with SLO as accepted by SLO. An order placed with SLO is considered as accepted by SLO when (a) SLO proceeds to fill that order, without need for any written confirmation from SLO or (b) SLO accepts the order in writing.
  - All reports will be issued with the legal name i.e. Spectro Analytical Labs Private Limited (formerly Spectro Analytical Labs Limited).
  - These Terms and Conditions supersede and replace all prior verbal or written price quotations and agreements between the parties and unless specifically indicated otherwise therein, take precedence over all conflicting or inconsistent provisions of subsequent written agreements between the parties, no matter whether the Managing Director of SLO, employee, agent or subcontractor of SLO has the authority to alter or revise any of these Terms and Conditions or to make any representation which conflicts with or purports to override any of these Terms and Conditions, and to such alteration, waiver or representation shall be binding upon SLO, unless it is in writing and signed by the Managing Director of SLO.
- Placement of Order**
  - A customer order will be valid only if it is sent by mail or by or other electronic message or by fax or by other electronic message or by using SLO approved sample test request form or electronic order forms and the commercial aspects of the order which are not specifically set out in these Terms and Conditions (including price, estimated turnaround times and delivery schedule) must be agreed at the time of the order. The customer must confirm in writing orders given by telephone immediately after they are made and will be deemed to have placed an order if the customer sends samples to SLO quoting the customer reference. SLO is not obligated to start any work unless the order is clear and it has been provided all required information.
  - Unless specifically accepted in writing and signed by the Managing Director of SLO, any terms proposed or submitted by a customer at any time (including, but not limited to, terms or provisions in the customer's purchase order/invoice) or other documents which alter from these Terms and Conditions are regarded as a material variation of these Terms and Conditions and shall be of no force or effect. Furthermore, special terms or conditions of prior orders, including special pricing, will not automatically apply to subsequent orders. Each order accepted by SLO will be treated as a separate contract between SLO and the customer.
  - Any logistic services outside of the laboratory must be paid in full, unless it has been cancelled or modified by the customer at least forty eight hours (48) in advance for collection services, ninety six (96) hours in advance for sampling services and one (1) week in advance for auditing services.
- Price and Terms of Payment**
  - The administration of an order does not date otherwise, SLO's prices apply "as quoted", excluding packaging, which is charged separately. Any additional cost or disbursement (e.g. incurred by SLO in connection with the order) must be paid by the customer. Prices are exclusive of all applicable taxes (GST or other taxes) and are based on net/EXW as shown at the day of the invoice of the order to the customer. Applicable laws are those in force at the date of invoicing.
  - Unless specifically agreed otherwise by SLO in acceptance of an order, payment of all invoices is due thirty (30) days from the invoice date. Any dispute about invoices must be filed within 30 days of the invoice date. The chargeback of any late receipt without notice to a customer to defer payment. Any invoice which remains outstanding after due date, may be additionally charged with an administrative penalty of Rupees Two Hundred (₹200) and may carry interest as per MIBREDAI.
  - Invoices are subject to a minimum invoice charge of Rupees ten Hundred Fifty (₹1,500).
  - The invoice settlement method is Cheque, bank transfer or direct debit. Any other method of payment must receive prior agreement from SLO. The customer undertakes to provide bank details.
  - SLO is entitled to require payment of up to 100% of the quoted order price as a condition of acceptance.
- Duties of Customer in Delivering Samples or Materials**
  - The samples or materials must be in a condition that makes the preparation of representative or the production of ordered products possible without difficulty. SLO is entitled to conduct an initial evaluation of the samples or materials to check their condition before processing the samples, drawing up a report or using them in production. The customer shall bear the costs of this initial evaluation, if the samples or materials do not comply with the requirements described in this clause 4.1. If the result of the initial evaluation is that an analysis of procedures is impossible or if it is possible only under more difficult conditions than originally anticipated (for example, because the samples or materials have been interposed with foreign substances or substances that were not reported by the customer) or any disposition of SLO shall be entitled to terminate or interrupt the order and the customer shall bear costs incurred by SLO to that point.
  - The customer must ensure, and hereby warrants, that no sample poses any danger, including on its site, during transportation, in the laboratory or otherwise to SLO personnel, instruments, personal or representatives. It is the customer's responsibility to ensure compliance with hazardous waste regulations, including regarding information, transportation and disposal and to inform SLO personnel or representatives about sample health and safety concerns, including any known or suspected toxic or other contaminants that may be present in the sample and its likely level of contamination as well as the risks to SLO personnel, instruments, personal and representatives related to the contamination. The customer shall be responsible for, and indemnifies SLO against, all costs, damages, liabilities and expenses that may be caused or incurred by SLO or its personnel or representatives including on the sampling site, during the transportation of or in the laboratory to the customer's sample or by sampling site conditions. The customer shall bear all extraordinary costs for adequate disposal of hazardous waste resulting from the sample, whether or not described as hazardous waste. ACOE request, the customer must provide SLO with the exact composition of the samples.
- Property Rights on Samples Material and Sample Storage**
  - All samples become the property of SLO to the extent necessary for the performance of the order. Unless the customer pays for storage, SLO shall have no obligation or liability for samples sent to SLO for storage, including samples requiring refrigeration. However SLO retains the sample for three months. If the customer pays for further storage, SLO will take commercially reasonable steps to store the samples, according to professional practice.
  - Samples will be destroyed after six months from the date of release unless report unless specified by regulatory or SLO and the customer have agreed in writing on the terms of SLO's retention of the sample. SLO shall not dispose of or destroy the samples after the agreed upon retention period, without further notice and at customer's cost, should an exit order for SLO cease to comply with any regulation (for example, with regard to disposal of hazardous waste). If the customer requests the return of unused sample material, SLO will return them to the customer, at the customer's cost and risk.
  - The sample description is not valid if not sealed and is given "as described by customer". Samples not drawn by us and analysis conducted on "as received bases". Unless specified otherwise SLO shall retain the copy of report for 2 years from the date of release of the report or instructed by customer or any regulatory requirement and authority of the report can be verified within 2 years by sending mail at [retention@spectro.in](mailto:retention@spectro.in).
- Delivery Dates, Turnaround Times**
  - Delivery dates and turnarounds are estimates and do not constitute a commitment by SLO. Nevertheless, SLO shall make commercially reasonable efforts to meet its estimated timelines.
  - Results are generally sent by email and/or by mail, or via other electronic means, to the attention of the persons indicated by the customer in the order, promptly after the analysis is completed.
- Transfer of Property**
  - Title in any analysis results, products, equipment, software or services supplied by SLO to the customer will remain with SLO until all invoices in respect thereof have been paid by the customer in full, and until such full payment, the customer shall have no property rights or other rights to use them. In addition, even if SLO has accepted and begun to fulfil an order, SLO has the right of any time stop processing that order and to stop doing any work for a customer if that customer is late in paying any amount due to SLO, whether for that or any other order.
  - Even after payment by the customer, SLO shall retain the right to store, use and publish all analysis results in an anonymous form which does not identify the customer.
- Limited Warranties and responsibilities**
  - Orders are handled on the condition, available to SLO in accordance with the current state of technology and methods developed and generally applied by SLO and the results may not always be 100% exact and/or relevant. Analyses, interpretations, assessments, consulting work and conclusions are prepared with a commercially reasonable degree of care but SLO cannot guarantee that these will always be correct or accurate. This limited warranty expires three months after the delivery date of the samples, if the acknowledgment of the order does not specifically state otherwise. In all cases, the customer must independently verify the validity of any results, interpretations, assessments and conclusions supplied by SLO, if it wishes to rely on the same in respect of matters of importance and shall do so at its own risk.
  - Including report notes exclusively to the sample analysed by SLO. SLO has not expressly been mandated and paid for the definition of the sampling plan (including which samples of which raw materials and finished products and at which frequent shall be analysed) and the definition of the precise range of analysis to be performed or if the customer has not followed SLO recommendations, SLO shall not bear any responsibility if the sampling plan and/or the range of analysis to be performed prove to be insufficient or inappropriate.
  - The customer is responsible for the proper delivery of samples sent to SLO for examination/analyses or materials sent for production. Unless otherwise specifically agreed in writing by SLO, SLO accepts no responsibility for any loss or damage, which may occur to any samples intended to go to any facility or site where hazardous services are being delivered. The customer is at all times to take for the security, packaging and insurance of the sample from its dispatch until it is delivered to the office or the laboratory of SLO. SLO will use commercially reasonable care in handling and storing samples, but SLO shall not be held responsible for any loss or deduction of samples available from receipt at its laboratories.
  - The customer warrants and represents to SLO that all samples sent to SLO for analysis are safe and in a stable condition and suitable for analysis by SLO for any losses, injuries, claims and costs which SLO, or its personnel, may suffer as a result of any sample not being in a safe or stable condition, understanding that the customer may have given an indication on the sample or any other form of any pre-ordered packet with the sample. The customer shall always inform SLO in writing prior to shipment and label the packaging, samples and/or containers appropriately, if the samples are dangerous or otherwise of a hazardous nature.
  - Unless explicitly agreed in writing by SLO, the contractual relationship shall be exclusively between the customer and SLO. There shall be no third party beneficiary or contractual warranty relating to any order and the customer shall indemnify and hold SLO harmless from and against any and all third party claims in any way relating to the customer or to the order by the customer.
  - The result given on the test report refer only to tested samples and application parameters.
  - Any complaints about the test report should be communicated in writing within 7 days after the issue of the report.
- Limitation of Liability**
  - Except for such limitations are not permitted or void under applicable law: (a) SLO (together with its workers, office clerks, employees, representatives, managers, officers, directors, agents and consultants and all SLO partners and affiliates, the "SLO Indemnifying Parties") shall be liable only for the physical direct and immediate damage caused by the SLO Indemnifying Parties' negligence in connection with the performance of an order and then, only if SLO has received written notice thereof not later than 30 (thirty) days after the date of the customer's knowledge of the relevant claim (unless any longer period is prescribed under applicable law and cannot be contractually limited); and (b) in all cases (whether arising under contract, tort, negligence, strict liability, through intermediation or otherwise), the SLO Indemnifying Parties' claim or series of related claims, and the customer's exclusive remedy, with respect to SLO's services which fall under these Terms and Conditions, shall be limited to the lesser of: (i) the direct and immediate loss or damage caused by the SLO Indemnifying Parties' written misconduct in connection with the performance of the order and (ii) the amount SLO actually received from the customer in relation to the order subject to maximum of INR 1 Lakh (Rupees One Lakh).
  - The SLO Indemnifying Parties shall not be liable for any indirect, denied or consequential loss or damage (including, but not limited to, loss of business, profits, goodwill, and business opportunities or order) incurred by the customer or by any third party.
  - It is a condition of SLO's acceptance of an order that the customer indemnifies the SLO Indemnifying Parties for any losses, injuries, claims and costs which the SLO Indemnifying Parties may suffer as a result of anything from or in any way connected with its use of the services or products or software provided pursuant to these Terms and Conditions, except to the extent that the SLO Indemnifying Parties are required to bear them according to these Terms and Conditions, and by placing an order the customer agrees to provide this indemnification.
- Retention of Results**

Options to test results can be made within thirty (30) days after the customer receives the results. However, unless it would appear that the results of the requested analysis do not match those of the first run, the customer shall bear the costs of the repeat testing or review. Furthermore, a repeated analysis will be possible only if SLO has a sufficient amount of the original sample on hand when it receives the customer's objection. Otherwise the customer will be required to pay all costs, including sampling, transportation, analysis and disposal costs, for the repeat analysis. No test required will be accepted after return of tested samples.
- Force Majeure**

SLO cannot be held liable for delays, errors, damages or other problems caused by events or circumstances which are unforeseen or beyond SLO's reasonable control, or which result from compliance with governmental requests, laws and regulations.
- Confidentiality & Processing of Customer Data**
  - SLO shall be entitled to save and process personal or commercial data received from the customer in any way, no matter whether such data stem from the customer directly or from a third party and shall use commercially reasonable efforts to keep such data confidential, in compliance with applicable laws.
  - SLO shall use commercially reasonable efforts to keep all analysis results and service reports confidential, subject to SLO's rights set forth in clause 7.2 and the right to use them in order to defend its entitlement to payment for services rendered.
  - Analysis results are prepared and supplied exclusively for the use of the customer and shall not be divulged to a third party for any purposes without the prior written agreement of SLO. In addition, the customer is required to maintain secrecy concerning all services provided by SLO and their results as well as the composition of products and software delivered by SLO. Analysis results are not to be publicly disclosed or replicated without the prior written consent of SLO. Once it is such written consent is given by SLO, the customer (a) remains responsible for any consequences due to the disclosure of such results to a third party and any release of such third party on such results and (b) hereby agrees to indemnify the SLO Indemnified Parties against any liability which the SLO Indemnified Parties may incur as a result of such disclosure or any such third party release.
  - Test report certificate shall not be reproduced except in full, without written permission of laboratory.
  - Test report certificate shall not be reproduced wholly or in parts and cannot be used as an evidence in a court of law and shall not be used in advertising media, without written permission of laboratory.
- Disclaimer and Indemnification**

**11.1 ALL TERMS, CONDITIONS AND WARRANTIES INCLUDING ANY IMPLIED WARRANTY AS TO MERCHANTABILITY QUALITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO THE MANNER, QUANTITY AND TERMS OF THE TESTING SERVICE AND RESULTS, EQUIPMENT, PRODUCTS OR SOFTWARE SUPPLIED BY SLO ARE EXCLUDED TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW. THE WARRANTIES, OBLIGATIONS AND LIABILITIES OF SLO CONTAINED IN THESE TERMS AND CONDITIONS ARE EXCLUSIVE.**

  - These Terms and Conditions may be modified in writing from time to time by SLO and orders will be governed by the most recent version of these Terms and Conditions that is in effect at the time SLO accepts the order.
  - Should a court have, that it holds to be invalid, illegal or unenforceable (any part) of these Terms and Conditions, all other parts shall still apply to the greatest extent possible.
  - Failure by either SLO or the customer to exercise the rights under these Terms and Conditions shall not constitute a waiver or forfeiture of such rights.
- Governing Law and Jurisdiction**
  - The construction, validity and performance of these Terms and Conditions shall be governed by the laws and the commercial courts of Delhi Jurisdiction, Delhi State, India in which the registered office of the SLO company which accepted the order is located (including in cases involving multiple countries for the customer or third party responsibility), which shall have exclusive jurisdiction.

\* End of Report \*

Legal Entity: Spectro Analytical Labs Private Limited (formerly Spectro Analytical Labs Limited), CIN: U74220DL1888PTC092898

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