



सत्यमेव जयते

भारत सरकार

Government of India

FORM NO : NTH/ALP/F/5



राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House (Eastern Region)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027

11/1, Judges' Court Road, Alipour, Kolkata - 700 027

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं

जारी होने की तिथि

कोड नं

पृष्ठ

पृष्ठों की संख्या

Test Certificate No

Date of Issue

Code No

Page

No of Pages

NTH(ER)/CH(OD)/2018/0015D

04/12/2018

1537949176275

1

5

जिसे जारी करना है

Issued To

MONALISA COLOUR & CHEMICAL CO.

पता

Address

9,Pran Krishna Mukherjee Road, Kolkata- 700002

ग्राहक का संदर्भ सं एवं दिनांक

Customer's Ref. No.

NIL

Date: 24/09/2018

पंजिका सं एवं दिनांक

Register No & Date

0015/NTH(ER)/CH(OD)/27/09/2018

परीक्षण सामग्री का विवरण

Description of Test Item

Interior Splendour "Yellow Charm" Interior Plastic emulsion.(Swagat Interior Splendour interior Plastic Emulsion)

परीक्षण सामग्री का पहचान

Identification of Test Item

Sample received in plastic container marked as Batch No: IS/114/24/9/18, Qty: 3X500ml.

नमूना का विशिष्टि (यदि हों)

Product Specification (If any)

IS: 15489-2004

नमूना प्राप्ति की तिथि

Date of Receipt of the Test Item

26/09/2018

कार्य सम्पादन की तिथि

Date(s) of Performance of Tests

From: 28/09/2018

To: 30/11/2018

व्यावहृत प्रणाली का पहचान

Method(s) used for Test

On the lines of IS: 15489-2004 & IS:101 test methods.

नमूना प्रक्रिया जहाँ प्रासंगिक हों

Sampling Procedure where relevant

As per specification.

Tested By

Checked By

Approved By

Parbati Mandi

Susanta Kumar Ratha

Dr. Anath Bandhu Mondal

Parbati Mandi

Susanta Kumar Ratha

Dr. Anath Bandhu Mondal

SO (Chemical)

SO (Chemical)

Scientist- B (Chemical)



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04/12/2018

कोड नं

Code No

1537949176275

पृष्ठ

Page

2

पृष्ठों की संख्या

No of Pages

5

Sl. No.

Test Name

Test Result

Limit

1

Condition

Good

Good

2

Consistency

Smooth uniform paint suitable for application by brushing.

Suitable for application by brushing

3

Surface Dry

Less than 45 minutes.

Class A & B Max. 45 min. ,
Class C & D Max. 90 min.

4

Hard Dry

Less than 4 hrs.

Class A & B Max. 4 hrs. ,
Class C & D Max. 8 hrs.

5

Finish

Smooth & Uniform (matt)

Smooth & uniform

Tested By

Pmandi

Parbati Mandi
SO (Chemical)

Checked By

S. K. Ratha

Susanta Kumar Ratha
SO (Chemical)

Approved By

Dr. Anath Bandhu Mondal

Dr. Anath Bandhu Mondal
Scientist- B (Chemical)



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INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं.
Test Certificate No
NTH(ER)/CH(OD)/2018/0015D

जारी होने की तिथि
Date of Issue
04/12/2018

कोड नं
Code No
1537949176275

पृष्ठ
Page
3

पृष्ठों की संख्या
No of Pages
5

Sl. No.	Test Name	Test Result	Limit
6	Gloss at 60 deg.	3.3	Class A 0-10 , Class B 11-25 , Class C 26-70 , Class D 71 and above
7	Fastness to light	Passes the test.	There should be no appreciable colour difference after the test.
8	Resistance to alkali	Passes the test.	There should be no appreciable colour difference after the test.
9	Thinning properties	Satisfactory, thinned with water the material is mixed readily .	Should mix readily with water.
10	Application properties	Satisfactory. The paint is suitable for application by brush, spray or roller.	Suitable for application by brush or spray.

Tested By

Parbati
Parbati Mandi
SO (Chemical)

Checked By

Susanta
Susanta Kumar Ratha
SO (Chemical)

Approved By

Anath
Dr. Anath Bandhu Mondal
Scientist- B (Chemical)



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जारी होने की तिथि

कोड नं

पृष्ठ

पृष्ठों की संख्या

Test Certificate No

Date of Issue

Code No

Page

No of Pages

NTH(ER)/CH(OD)/2018/0015D

04/12/2018

1537949176275

4

5

Sl. No.

Test Name

Test Result

Limit

11

Recoating properties

Satisfactory. The paint shall not exhibit colour separation, sagging, pitting, flaking or cracking.

Should not show colour separation, sagging, pitting, flaking or cracking.

12

Washability & Cleanability test/Wet scrub resistance

Passes the test.

The film should not show any deterioration or colour fading.

13

Accelerated Storage Stability

At 60(+/-)2 deg.C : Passes the test.
At -5(+/-)1 deg.C : Passes the test.

The material should be suitable for application by brushing or spraying after the test

14

Mass in Kg./10 litres

12.86

Not specified

15

Opacity (Hiding)

Passes the test.

close match to the specified colour after the test

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Sl. No.	Test Name	Test Result	Limit
16	Accelerated weathering test inQ UV weathering apparatus for 21 days	Satisfactory. The film shows no colour change, no chalking, no cracking or flaking was observed.	To pass the test in different parameters like color , flaking , cracking & chalking.

17	Lead (as Pb) Content, ppm	5.73 ppm	300ppm Max
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टिप्पणी
Note : Nil

कैफियत
Remarks : In respect of tests carried out, the sample meets the requirements of IS:15489-2004 Specification for Paint, Plastic Emulsion for Class A, Type 1 & 2.

Tested By

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Parbati Mandi
SO (Chemical)

Checked By

Susanta Kumar Ratha
Susanta Kumar Ratha
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Dr. Anath Bandhu Mondal
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