



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 Alipore, Kolkata - 700 027

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं Test Certificate No	जारी होने की तिथि Date of Issue	कोड नं Code No	पृष्ठ Page	पृष्ठों की संख्या No of Pages
NTH(ER)/CH(OD)/2018/0015E	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 : Plastic Emulsion Paints
Swagat Wall Coat Exterior plastic emulsion (Wall Coat petit Peach)

परीक्षण सामग्री का पहचान
Identification of Test Item : Exterior plastic emulsion paint received in packed plastic containers (3*500ml) marked as Batch No.: WC/1019/24/9/18
Sample described as Wall coat "Petite Peach" Exterior plastic emulsion,

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: 03/12/2018

व्यावहृत प्रणाली का पहचान
Method(s) used for Test : On the lines of IS :101 and IS : 15489
As per specification

नमूना प्रक्रिया जहाँ प्रासंगिक हों
Sampling Procedure where relevant :

Tested By

Sona Ram Baskey
SA(Chemical)

Checked By

Susanta Kumar Ratha
SO (Chemical)

Approved By

Dr. Anath Bandhu Mondal
Scientist- B (Chemical)



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Sl. No.	Test Name	Test Result	Limit
1	Condition	Good, Sample is free from lumps, skin and odour of putrefaction.	Good
2	Consistency	Smooth, uniform and suitable for brushing without appreciable drag on the brush.	Suitable for application by brushing
3	Surface Dry	Less than 45 Mins.	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 and matt.	Smooth & uniform

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Sl. No.	Test Name	Test Result	Limit
6	Lead (as Pb) Content, ppm	1 ppm	300 ppm Max
7	Gloss at 60 deg.	2.9	Class A 0-10 , Class B 11-25 , Class C 26-70 , Class D 71 and above
8	Fastness to light	Passes the test.	There should be no appreciable colour difference after the test.
9	Resistance to alkali	Passes the test.	There should be no appreciable colour difference after the test.
10	Thinning properties	Satisfactory.	Should mix readily with water.

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Sl. No.	Test Name	Test Result	Limit
11	Application properties	Satisfactory.	Suitable for application by brush or spray.
12	Recoating properties	Satisfactory.	Should not show colour separation, sagging, pitting, flaking or cracking.
13	Washability & Cleanability test/Wet scrub resistance	Passes the test.	The film should not show any deterioration or colour fading.
14	Accelerated Storage Stability	A. at (+60 deg. +/- 2 deg.)C: Passes the test. B. at (-5 deg. +/- 1 deg.)C: Passes the test.	The material should be suitable for application by brushing or spraying after the test
15	Mass in Kg./10 litres	12.86	Not specified

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Sl. No.	Test Name	Test Result	Limit
16	Opacity (Hiding)	Satisfactory.	close match to the specified colour after the test
17	Accelerated weathering test inQ UV weathering apparatus for 21 days	Satisfactory, No colour change, no flaking, no cracking was observed.	To pass the test in different parameters like color , flaking , cracking & chalking.
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 2.		

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