

TEST REPORT

CLIENT NAME : ZAHARABLUE PTE LTD

ATTENTION TO : AMIRA GENEID

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ACCOUNT CHARGEABLE TO : ZAHARABLUE PTE LTD

PROJECT CODE : G0812

PROJECT TITLE : WATER PERMEABILITY TEST FOR NAIL POLISH

TEST SUBJECT : WATER PERMEABILITY TEST

TEST METHOD : IN HOUSE TEST METHOD

JOB REF. : ADM/15/9277

CLIENT SAMPLE REFERENCE : NAIL POLISH

DATE RECEIVED : 27-Oct-2015

DATE OF REPORT : 12-Nov-2015

TOTAL PAGES : 4 (INCLUDING COVER PAGE)

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TESTING OF NAIL POLISH

Sample Preparation:

- ZAHARA BLUE nail polish was painted 1 coat thick on a coffee filter paper and allowed to dry.
- 2 types of test specimens were prepared: Control (without top coat) and test specimen with one layer of top coat
- The probe of the hygrometer was placed below the paper to ensure no water existed prior to the application.
- 1-2 drops of water was applied to the centre of the coffee filter paper and gently rubbed it with finger.
- Hygrometer readings were recorded until 95.0% RH was reached.

Room Condition: (23 ± 2) °C, (50 ± 5) % RH



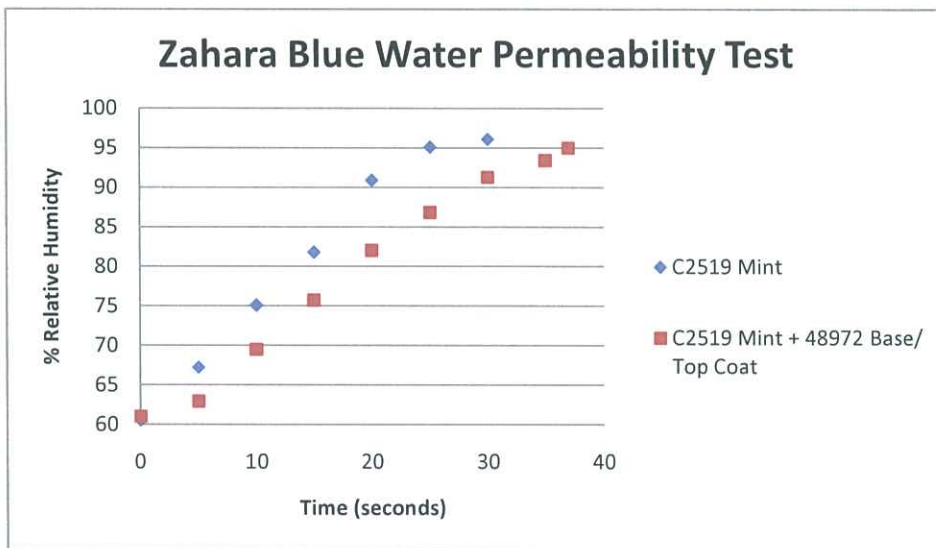
Figure 1. Sample as per received (Left: C2519 Mint; Right: 48972 Base/Top Coat)

Apparatus:

Hygrometer (CEM DT-3321 Hygro-Thermometer)	Measuring humidity range: 0.0 to 100.0% RH Accuracy: ± 2% RH (40% to 60%) ± 3% RH (20 to 40% and 60 to 80%) ± 4% RH (0 to 20% and 80 to 100%) Sensor Type: Humidity - Precision capacitance sensor Operating Conditions: 0 to 50 °C
Coffee Filter Bags	Brand: Boncafé Color: White Refer to Figure 2
Distilled Water	Approximately 2 drops

TEST RESULTS:

Sample Reference	NAIL POLISH	
Date of Test	6-Nov-15	
Temperature & Relative Humidity at Test	24.7 °C / 60.5 % RH	
Specimen Reference	C2519 Mint	C2519 Mint + 48972 Base/ Top Coat
Duration of Time to reached 95.0 % RH (seconds) <i>(average values for 5 test specimens)</i>	25	37



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APPENDIX



Figure 2. Coffee Filter Bags

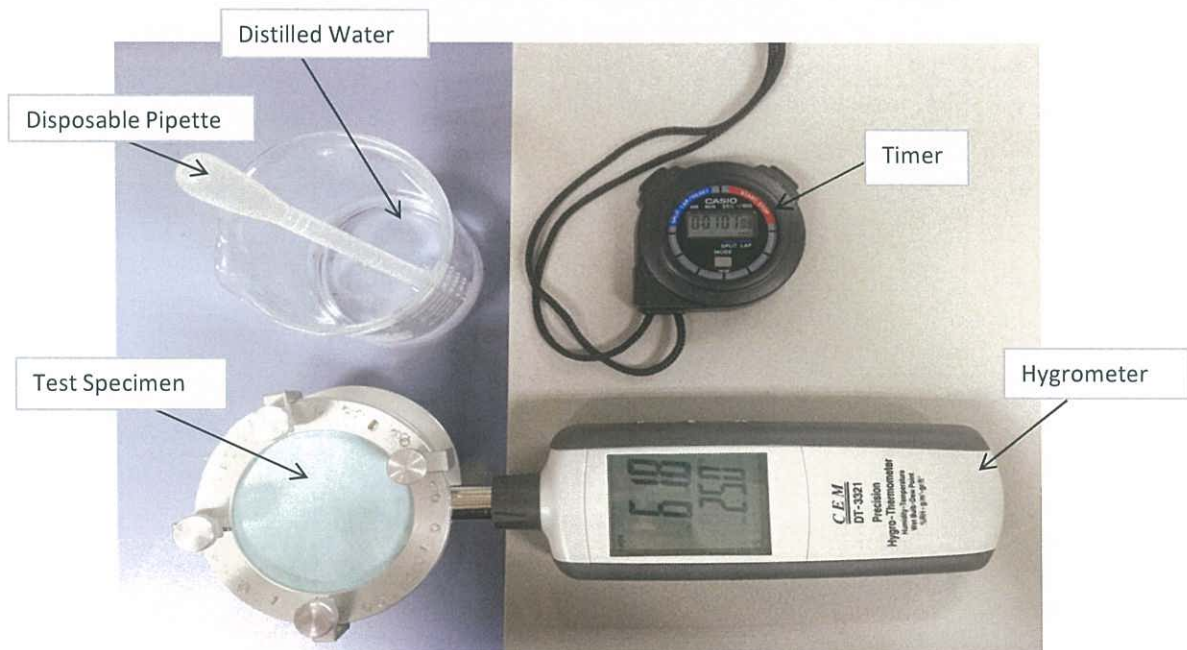


Figure 3. Test Setup