





CERTIFICATE OF ANALYSIS
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COA No. 0359

Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	$\leq 2 \%$	1.9 %	Pass
Adhesion (EVA to Glass)	$> 70 \text{ N / cm}$	120 N / cm	Pass
Adhesion (EVA to Backsheet)	$> 70 \text{ N / cm}$	100 N / cm	Pass
Gel Content	$> 75 \%$	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	$> 91 \%$	92.10 %	Pass

Date: 	Date: 
Sign: 	Sign: 
Prepared by: QA/QC Chemist	Approved by: Quality Manager

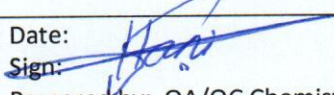

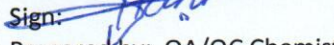

We hereby certified that the product made was manufactured according to above mentioned characteristics and should be consumed within 9 Months from Manufactured date.

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Hail Highway, 81431
Kingdom of Saudi Arabia
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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	$\leq 2 \%$	1.9 %	Pass
Adhesion (EVA to Glass)	$> 70 \text{ N / cm}$	120 N / cm	Pass
Adhesion (EVA to Backsheet)	$> 70 \text{ N / cm}$	100 N / cm	Pass
Gel Content	$> 75 \%$	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	$> 91 \%$	92.10 %	Pass

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	WAHAJ MANAGEMENT SYSTEM	DCN: WMS-14-F-25-EVA		
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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	≤ 2 %	1.9 %	Pass
Adhesion (EVA to Glass)	> 70 N / cm	120 N / cm	Pass
Adhesion (EVA to Backsheet)	> 70 N / cm	100 N / cm	Pass
Gel Content	> 75 %	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	> 91 %	92.10 %	Pass

Date: _____ Sign: _____ Prepared by: QA/QC Chemist	Date: _____ Sign: _____ Approved by: Quality Manager
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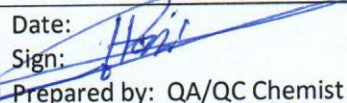
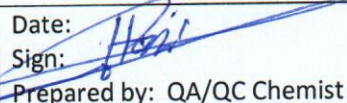
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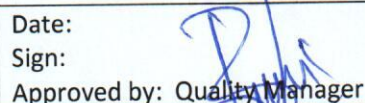
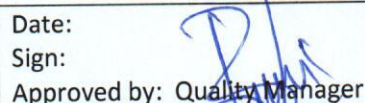
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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	$\leq 2 \%$	1.9 %	Pass
Adhesion (EVA to Glass)	$> 70 \text{ N / cm}$	120 N / cm	Pass
Adhesion (EVA to Backsheet)	$> 70 \text{ N / cm}$	100 N / cm	Pass
Gel Content	$> 75 \%$	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	$> 91 \%$	92.10 %	Pass

Date: 
 Sign: 
 Prepared by: QA/QC Chemist

Date: 
 Sign: 
 Approved by: Quality Manager

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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	$\leq 2 \%$	1.9 %	Pass
Adhesion (EVA to Glass)	$> 70 \text{ N / cm}$	120 N / cm	Pass
Adhesion (EVA to Backsheet)	$> 70 \text{ N / cm}$	100 N / cm	Pass
Gel Content	$> 75 \%$	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	$> 91 \%$	92.10 %	Pass

Date:	Date:
Sign:	Sign:
Prepared by: QA/QC Chemist	Approved by: Quality Manager

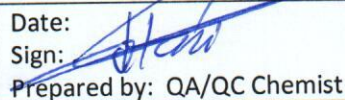
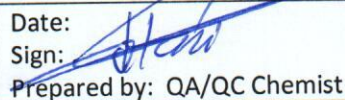
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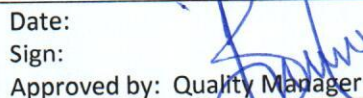
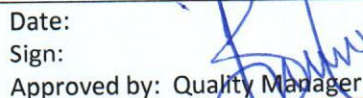
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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	≤ 2 %	1.9 %	Pass
Adhesion (EVA to Glass)	> 70 N / cm	120 N / cm	Pass
Adhesion (EVA to Backsheet)	> 70 N / cm	100 N / cm	Pass
Gel Content	> 75 %	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	> 91 %	92.10 %	Pass

Date: 
 Sign: 
 Prepared by: QA/QC Chemist

Date: 
 Sign: 
 Approved by: Quality Manager

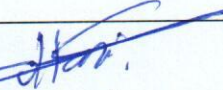



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Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	≤ 2 %	1.9 %	Pass
Adhesion (EVA to Glass)	> 70 N / cm	120 N / cm	Pass
Adhesion (EVA to Backsheet)	> 70 N / cm	100 N / cm	Pass
Gel Content	> 75 %	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	> 91 %	92.10 %	Pass

Date: 	Date: 
Sign: 	Sign: 
Prepared by: QA/QC Chemist	Approved by: Quality Manager

We hereby certified that the product made was manufactured according to above mentioned characteristics and should be consumed within 9 Months from Manufactured date.

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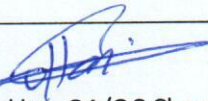
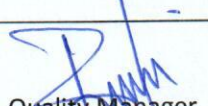


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COA No. 0366

Name of Customer	Turkey Agent	
Address to Ship	Turkey	
Brand Name	Wahaj	
Product Type	RC03	
Invoice No.	Sample	
Job Card No.	210-H	
D.O.M.	Batch No.	Quantity in SQM
Apr 21, 2018	03-18-D-004/04	25 SQ.M

Characteristic	Specification	Measured Value	Remarks
Visual Appearance	No Visual Defect	No Visual Defect	Pass
Average Thickness (μm)	500 - 570 μm	535 μm	Pass
Roll Width (mm)	995 mm	995 mm	Pass
Winding direction (Surface type)	Inside Matt; Outside embossed	Inside Matt; Outside embossed	Pass
Thermal Shrinkage (Machine Direction)	$\leq 2 \%$	1.9 %	Pass
Adhesion (EVA to Glass)	$> 70 \text{ N / cm}$	120 N / cm	Pass
Adhesion (EVA to Backsheet)	$> 70 \text{ N / cm}$	100 N / cm	Pass
Gel Content	$> 75 \%$	83 %	Pass
UV cut-off	300 nm	300 nm	Pass
Optical transmittancy	$> 91 \%$	92.10 %	Pass

Date: 	Date: 
Sign: 	Sign: 
Prepared by: QA/QC Chemist	Approved by: Quality Manager

We hereby certified that the product made was manufactured according to above mentioned characteristics and should be consumed within 9 Months from Manufactured date.

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