

|                                                                                  |                   |                                                                                   |                  |                                                                                     |
|----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------|
|  | Organization unit | إدارة مختبر دبي المركزي<br>Dubai Central Laboratory Department                    | الوحدة التنظيمية |  |
|                                                                                  | Document title    | تقرير فحص المنسوجات والسلع العامة<br>Textiles and General Commodities Test Report | عنوان الوثيقة    |                                                                                     |
|                                                                                  | Document ref.     | DM-DCLD-TRF-CML-003                                                               | رقم الوثيقة      |                                                                                     |

Report number. 1143667

### Test Results

| Chemical tests |                                                                                                          |                      |        |      |      |                    |                      |           |
|----------------|----------------------------------------------------------------------------------------------------------|----------------------|--------|------|------|--------------------|----------------------|-----------|
| Test Code      | Test method                                                                                              | Parameters           | Result | Unit | LOR  | U <sub>exp</sub> % | Specification        | Reference |
| CTX01          | (BS EN ISO 3071)                                                                                         | pH value             | 6.00   | pH   | NA   | ±0.52              | Class II - 4.0 – 7.5 | OEKO-TEX  |
| CTX13          | Toxic metals<br>(acidic perspiration)<br>(DM-DCLD-SOP-CP-2014)                                           | Arsenic (As)         | ND     | ppm  | 0.15 | ±5.8               | Class II – 1.0 ppm   | OEKO-TEX  |
|                |                                                                                                          | Lead (Pb)            | ND     |      | 0.15 | ±12.2              | Class II – 1.0 ppm   |           |
|                |                                                                                                          | Cadmium (Cd)         | ND     |      | 0.08 | ±3.8               | Class II - 0.1 ppm   |           |
|                |                                                                                                          | Chromium (Cr)        | ND     |      | 0.5  | ±3.3               | Class II – 2 ppm     |           |
|                |                                                                                                          | Cobalt (Co)          | ND     |      | 0.5  | ±3.1               | Class II – 4 ppm     |           |
|                |                                                                                                          | Copper (Cu)          | ND     |      | 10   | ±4.5               | Class II – 50 ppm    |           |
|                |                                                                                                          | Nickel (Ni)          | ND     |      | 0.5  | ±4.8               | Class II – 4 ppm     |           |
|                |                                                                                                          | Antimony (Sb)        | ND     |      | 10   | ±4.7               | Class II – 30 ppm    |           |
|                |                                                                                                          | Zinc (Zn)            | ND     |      | 500  | ±5.4               | Class II – 750 ppm   |           |
|                |                                                                                                          | Manganese (Mn)       | ND     |      | 50   | ±3.7               | Class II – 90 ppm    |           |
| CTX16          | Formaldehyde<br>(ISO 14184-1)                                                                            | Formaldehyde content | 17     | ppm  | 16   | ± 3.5              | Class II – 75 ppm    | OEKO-TEX  |
| CTX85          | Determination of Extractable<br>Dyestuffs in Textiles<br>including Allergenic &<br>Carcinogenic Dyestuff | Direct Blue 6        | ND     | ppm  | 2    | 43.4               | 20 ppm               | OEKO-TEX  |
|                |                                                                                                          | Acid Red 26          | ND     | ppm  | 2    | 23.830             |                      |           |
|                |                                                                                                          | Direct Red 28        | ND     | ppm  | 2    | 39.19              |                      |           |
|                |                                                                                                          | Basic Red 9          | ND     | ppm  | 2    | 5.96               |                      |           |
|                |                                                                                                          | Direct Black 38      | ND     | ppm  | 2    | 34.33              |                      |           |
|                |                                                                                                          | Disperse Yellow 3    | ND     | ppm  | 2    | 2.09               |                      |           |

| Color fastness tests |                                                                 |                    |        |            |     |                    |               |           |
|----------------------|-----------------------------------------------------------------|--------------------|--------|------------|-----|--------------------|---------------|-----------|
| Test Code            | Test method                                                     | Parameters         | Result | Unit       | LOQ | U <sub>exp</sub> % | Specification | Reference |
| CTX06                | Color fastness to acidic<br>perspiration<br>(BS EN ISO 105-E04) | Acetate staining   | 4-5    | Grey scale | NA  | ±0.5               | 3-4           | OEKO-TEX  |
|                      |                                                                 | Cotton staining    | 4-5    |            |     |                    |               |           |
|                      |                                                                 | Nylon staining     | 3-4    |            |     |                    |               |           |
|                      |                                                                 | Polyester staining | 4-5    |            |     |                    |               |           |
|                      |                                                                 | Acrylic staining   | 4-5    |            |     |                    |               |           |
|                      |                                                                 | Wool staining      | 4-5    |            |     |                    |               |           |
|                      |                                                                 | Color change       | 4-5    |            |     |                    |               |           |

|                                          |            |
|------------------------------------------|------------|
| Chemical and Physical Test Completed by: | 29/04/2026 |
|------------------------------------------|------------|

Remarks: Nil

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|                                 |                                        |               |
|---------------------------------|----------------------------------------|---------------|
| Date of Issue :                 | 21/05/2025                             | Rev. No. : 29 |
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|                                                                                  |                   |                                                                                   |                  |                                                                                     |
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#### Tested Sample Photos



SAMPLE PICTURE

#### Notes:

- The results contained herein apply only to the sample submitted and to the specific tests carried out and to the product information provided by the customer.
- Customer and Product information are provided by the customer and the Laboratory is not responsible for it.
- (\*) Indicates that the test is not accredited by EIAC.
- EIAC Certification# LB-TEST-205, represents the accredited chemical test.
- EIAC Certification# LB-TEST-206, represents the accredited microbiological test.
- Labeling and shelf life requirements of food products are not part of the test.
- For microbiological results in consumer products, the data on the performance of the method used, which includes information about the variability associated with the reported result is available upon request.
- The expanded uncertainty is based on a coverage factor  $k=2$ , at a confidence level of 95%.
- Abbreviation indications: SN = Serial Number, DM= Dubai Municipality, DCLD = Dubai Central Laboratory Department, NA = Not Applicable, NC = Not Conducted, ND = Not Detected, NS=No Standard, , LOD= Limit of Detection, LOQ= Limit of Quantitation, LOR = Limit of Reporting, Uexp % = Expanded Uncertainty Percent.
- For report authentication do not hesitate to contact [LABS@dm.gov.ae](mailto:LABS@dm.gov.ae) for any clarification.
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