

Our Ref: JA/SW

18 JUNE 2024

**Report 422808**
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King Cole Ltd  
 Merrie Mills  
 Unit 9 Union Business Park  
 Keighley Road  
 Skipton  
 BD23 2QR

Contact: Reay Clarke

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|                          |   |                              |
|--------------------------|---|------------------------------|
| DATE RECEIVED            | : | 04/06/2024                   |
| QUALITY/REFERENCE        | : | SPLASH DK – APRICOT / SPLASH |
|                          | : | DK – CHESTNUT / SPLASH       |
|                          | : | DK – DENIM                   |
| FABRIC DESCRIPTION       | : | YARN                         |
| FABRIC COMPOSITION       | : | 100% ACRYLIC                 |
| ITEM CODE                | : | 811 / 3180 / 815             |
| INTENDED AGE RANGE       | : | 0-16                         |
| TEST PERFORMANCE DATE(S) | : | 04/06/2024 – 18/06/2024      |

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**TEST RESULT SUMMARY**

| Test   | Method                | Pass/Fail |
|--|-----------------------|-----------|
| EN 71-3:2019 + A1:2021 (Including Chrome VI) | EN71-3:2019 + A1:2021 | Pass      |



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**LABORATORY DIRECTOR**

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\*The testing on this report has been sub-contracted

**DETAILS OF SAMPLE RECEIVED**

| <b>Sample Reference</b> | <b>Description</b> | <b>Unique Reference/Identifier</b> |
|-------------------------|--------------------|------------------------------------|
| A                       | Denim              | 422808                             |
| B                       | Apricot            | 422808                             |
| C                       | Chestnut           | 422808                             |

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**TEST RESULTS**

EN 71-3:2019 + A1:2021 (Including Chrome VI)

†EN71-3:2019 + A1:2021

Detection limit: Organic Tin Compounds: 0.05 mg/kg, Chromium (VI): 0.053 mg/kg, All others: 0.1 mg/kg

| Test Component                  | Unit  | Requirement | Uncertainty of Measurement ± | Sample A Result | Sample B Result | Sample C Result |
|---------------------------------|-------|-------------|------------------------------|-----------------|-----------------|-----------------|
| Antimony (Sb)                   | mg/kg | <560        | 5.4%                         | ND              | ND              | 0.12            |
| Arsenic (As)                    | mg/kg | <47         | 2.9%                         | ND              | ND              | ND              |
| Barium (Ba)                     | mg/kg | <18,750     | 1.0%                         | ND              | ND              | 0.11            |
| Cadmium (Cd)                    | mg/kg | <17         | 1.1%                         | ND              | ND              | ND              |
| Chromium (III)                  | mg/kg | <460        | 1.2%                         | ND              | ND              | ND              |
| Chromium (VI)                   | mg/kg | <0.053      | 6.9%                         | ND              | ND              | ND              |
| Lead (Pb)                       | mg/kg | <23         | 1.5%                         | ND              | ND              | ND              |
| Mercury (Hg)                    | mg/kg | <94         | 22.6%                        | ND              | ND              | ND              |
| Selenium (Se)                   | mg/kg | <460        | 1.3%                         | ND              | ND              | ND              |
| Zinc (Zn)                       | mg/kg | <46,000     | 2.0%                         | 1.1             | 1.4             | 1.5             |
| Copper (Cu)                     | mg/kg | <7,700      | 1.1%                         | ND              | ND              | ND              |
| Boron (B)                       | mg/kg | <15,000     | 3.1%                         | 0.52            | 0.36            | 0.27            |
| Cobalt (Co)                     | mg/kg | <130        | 1.1%                         | ND              | ND              | ND              |
| Aluminium (Al)                  | mg/kg | <28,130     | 2.6%                         | 0.63            | 0.59            | 1.5             |
| Manganese (Mn)                  | mg/kg | <15,000     | 2.2%                         | ND              | 0.13            | ND              |
| Nickel (Ni)                     | mg/kg | <930        | 1.2%                         | ND              | ND              | ND              |
| Strontium (Sr)                  | mg/kg | <56,000     | 18.2%                        | ND              | ND              | ND              |
| Tin (Sn)                        | mg/kg | <180,000    | 18.4%                        | ND              | ND              | ND              |
| <b>Conclusion (Pass / Fail)</b> |       |             |                              | <b>Pass</b>     | <b>Pass</b>     | <b>Pass</b>     |

**Uncertainty of Measurement and Decision Rules**

A non-binary simple acceptance decision rule based on guard bands has been used as the decision rule. The guard band is equal to the expanded standard deviation stated in the test result table. When the difference between the test result and the requirement is less than or equal to the expanded uncertainty of measurement, then a risk of false acceptance or false rejection is possible. The risk of false acceptance or false rejection is 2.5% based on a conformance probability of 97.5%.

**STANDARD TECHNICAL NOTES**

(All may not be applicable)

|  |   |
|--|---|
| Terms and Conditions                         | Our Terms and Conditions of Testing can be found at <a href="http://www.blcleathertech.com">www.blcleathertech.com</a>  |
| †  | Tests within the scope of accreditation. Test without † are not UKAS accredited.  |
| Sampling Location                            | Unless specified in the test report, sample was taken from the official sampling location according to †BS EN ISO 2418:2017. If the sample was supplied as a swatch from the customer, sampling according to †BS EN ISO 2418:2017 is not possible.  |
| SC   | Test performed by a competent, Eurofins   BLC approved partner laboratory   |
| I/S  | Insufficient Sample was submitted to perform the test   |
| Opinions                                     | Any opinions and interpretations expressed in this test report are based on current knowledge and experience and fall outside of the scope of ISO 17025 accreditation   |
| Sample disposal                              | Stable samples will be disposed of after 6 weeks unless otherwise instructed. All other samples will be disposed of on completion of testing  |
| ND   | None Detected (detection limits are included with the test results)   |
| Conditioning                                 | Where necessary, the sample was conditioned and tested at 23°C ± 2°C and 50% ± 5% RH as specified in the reference standard atmosphere requirements of BS EN ISO 2419:2012 (leather) or in the alternative specific standard atmosphere requirements of BS EN ISO 139:2005+A1:2011 (textile).   |
| Composite analysis                           | If the result multiplied by the number of composited samples exceeds the requirement, then testing of the individual samples may be performed or recommended.   |
| Azo dyes analysis                            | Accreditation excludes: 2,4-Diaminoanisole  |
| Chemical Analysis                            | Certain tests such as: Phthalates, Carcinogenic dyes, Allergenic disperse dyes, PAHs, Azo dyes, Organotins, Nitrosamines and Pesticides have multiple elements tested. For a full list of chemicals tested within these analyses please refer to the specification cited within this report. For further information contact <a href="mailto:info@blcleathertech.com">info@blcleathertech.com</a> |
| Decision Rule and Uncertainty of Measurement | Unless requested, the Eurofins   BLC's decision rule and estimated uncertainties of measurement will be used. For further information, please visit <a href="#">Conformity and Uncertainty of Measurement in Testing (blcleathertech.com)</a>   |

**\*\*End of report\*\***