



Test  
TS EN ISO/IEC 17025  
AB-0716-T

AB-0716-T
TURT251092556
08-25

## TEST REPORT

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**REPORT NUMBER :** TURT251092556  
**APPLICANT NAME :** King Cole Ltd.  
**ADDRESS :** Merrie Mills, Union Business Park, Keighley Road, Skipton, North Yorkshire United Kingdom  
**Attention :** Carl Milner ( [carl.milner@kingcole.com](mailto:carl.milner@kingcole.com) )  
**SAMPLE DESCRIPTION :** One sample of Fruitticious - 100%Polyester Yarn in Muulti-Coloured (DyeLot 396)  
**DATE IN :** 12 August 2025 (14:49)  
**RESUBMIT DATE :** 27 August 2025 (12:47)  
**DATE OUT :** 29 August ,2025  
**REF/STYLE NO :** LTR25080039  
**RETAILER :** KING COLE LTD  
**REFERENCE :** Sherbet Dib Dab - 5922

TEST	SAMPLE
Migration of Certain Elements (EN 71-3)	1 P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / MA = MINIMUM AMOUNT

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PP

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251092556

Test Method	Results	Requirements
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**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Dark blue/white yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	0.6 ppm	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	0.4 ppm	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron ( B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
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**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Pink/white yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	0.6 ppm	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron ( B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
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**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Blue/white yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	0.5 ppm	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron ( B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
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**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Orange/white yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	0.6 ppm	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron ( B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
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**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Green/white yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	0.5 ppm	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	0.2 ppm	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

## RESULTS

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29 August ,2025



## END OF TEST REPORT ##

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