

TEST REPORT



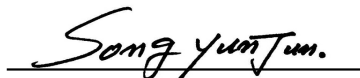
APPLICANT : NOW MEDIC CO.,LTD
ITEM : NON-WOVEN FABRIC
CLASSIFICATION : TEXTILE PRODUCTS FOR CHILDREN
DESCRIPTION : SPUNLACE NON-WOVEN FABRIC

REPORT NO. : F234-20-10246
RECEIVED DATE : 2020-11-05
ISSUED DATE : 2020-11-10
PAGE NO. : 1/4

| TEST ITEM | (#1) |
|---------------------------------------|------|
| ARYLAMINES(*) | PASS |
| FORMALDEHYDE CONTENT(*) | PASS |
| pH(*) | PASS |
| TOTAL NONYLPHENOL(NP, NPEO)CONTENT(*) | PASS |
| ORGANOTIN COMPOUNDS(*) | PASS |
| TOTAL LEAD(Pb) CONTENT(*) | PASS |
| TOTAL CADMIUM(Cd) CONTENT(*) | PASS |

(*) CRITERION : 1. MOTIE NOTIFICATION No. 2018-0031 SUPPLIER CONFORMITY CONFIRMATION SAFETY
 REGULATION ANNEX 15 "TEXTILE PRODUCT FOR CHILDREN"
 2. MOTIE NOTIFICATION No. 2019-201 "COMMON SAFETY REQUIRMENTS
 FOR CHILDREN PRODUCTS"

PREPARED AND CHECKED BY
FOR FITI



YUN JUN, SONG
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



JE-GOO JUN
EXECUTIVE DIRECTOR

※ Report Verification No.: 6GQP-6B31-FV76 ※

(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI.

This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

REPORT NO.: F234-20-10246

PAGE : 2 OF 4

01. ARYLAMINES (KS K 0147 : 2015) : mg/kg

| | #1 | REQUIREMENT |
|---------------------------------------|-----|-------------|
| 4-AMINOBIHENYL | < 5 | MAX. 30 |
| BENZIDINE | < 5 | MAX. 30 |
| 4-CHLORO- <i>o</i> -TOLUIDINE | < 5 | MAX. 30 |
| 2-NAPHTHYLAMINE | < 5 | MAX. 30 |
| <i>o</i> -AMINOAZOTOLUENE | < 5 | MAX. 30 |
| 2-AMINO-4-NITROTOLUENE | < 5 | MAX. 30 |
| 4-CHLOROANILINE | < 5 | MAX. 30 |
| 2,4-DIAMINOANISOLE | < 5 | MAX. 30 |
| 4,4'-DIAMINO-DIPHENYLMETHANE | < 5 | MAX. 30 |
| 3,3'-DICHLOBENZIDINE | < 5 | MAX. 30 |
| 3,3'-DIMETHOXYBENZIDINE | < 5 | MAX. 30 |
| 3,3'-DIMETHYLBENZIDINE | < 5 | MAX. 30 |
| 4,4'-METHYLENEDI- <i>o</i> -TOLUIDINE | < 5 | MAX. 30 |
| <i>p</i> -CRESIDINE | < 5 | MAX. 30 |
| 4,4'-METHYLENE-BIS-(2-CHLOROANILINE) | < 5 | MAX. 30 |
| 4,4'-OXYDIANILINE | < 5 | MAX. 30 |
| 4,4'-THIODIANILINE | < 5 | MAX. 30 |
| <i>o</i> -TOLUIDINE | < 5 | MAX. 30 |
| 2,4-TOLUYLENEDIAMINE | < 5 | MAX. 30 |
| 2,4,5-TRIMETHYLANILINE | < 5 | MAX. 30 |
| <i>o</i> -ANISIDINE | < 5 | MAX. 30 |
| 4-AMINOAZOBENZENE | < 5 | MAX. 30 |
| 2,4-XYLIDINE | < 5 | MAX. 30 |
| 2,6-XYLIDINE | < 5 | MAX. 30 |

NOTE) · DETECTION LIMIT = 5 mg/kg

· < = LESS THAN

· ANALYSIS WAS CONDUCTED WITH GC-MS. IF DETECTED, IT WAS CONFIRMED BY HPLC-MS.

 · 4-AMINOBIHENYL (CAS NO. 92-67-1), 2-NAPHTHYLAMINE (CAS NO. 91-59-8) ,
 2,4-DIAMINOANISOLE (CAS NO. 615-05-4) : THE USE OF BANNED AZO COLORANTS CANNOT BE
 RELIABLY ASCERTAINED WITHOUT ADDITIONAL INFORMATION.

 · AZO COLORANTS THAT ARE ABLE TO FORM 4-AMINOAZOBENZENE (CAS NO. 60-09-3),
 GENERATE UNDER THE CONDITION OF THIS METHOD ANILINE (CAS. NO. 62-53-3) AND
 1,4-PHENYLENEDIAMINE (CAS NO. 106-50-3). IF ANILINE OR 1,4-PHENYLENEDIAMINE IS
 BELOW 1 mg/kg, 4-AMINOAZOBENZENE IS CONSIDERED AS "LESS THAN DETECTION LIMIT
 (< 5 mg/kg)". OTHERWISE, THE PRESENCE OF 4-AMINOAZOBENZENE WILL BE VERIFIED
 BY TEST METHOD OF KS K 0739 : 2017

e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI.

This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

REPORT NO.: F234-20-10246

PAGE : 3 OF 4

02. FORMALDEHYDE CONTENT (KS K ISO 14184-1 : 1998) : mg/kg

| | #1 | REQUIREMENT |
|--|--------------|-------------|
| | NOT DETECTED | MAX. 75 |

NOTE) DETECTION LIMIT = 16 mg/kg

NOT DETECTED = LESS THAN DETECTION LIMIT

03. pH (KS K ISO 3071 : 2005)

| | #1 | REQUIREMENT |
|--|-----|-------------|
| | 6.8 | 4.0 ~ 7.5 |

NOTE) THE TYPE OF SOLUTION USED : KCl SOLUTION (pH 5.9)

THE TEMPERATURE OF EXTRACTING SOLUTION : 20.8 °C

04. TOTAL NONYLPHENOL(NP, NPEO)CONTENT (SAFETY CONFIRMATION SAFETY REGULATION ANNEX 1 "TEXTILE PRODUCT FOR INFANT" APPENDIX. A, ISO 18254-1 : 2016) : mg/kg

| | #1 | REQUIREMENT |
|-------------------------|------|----------------|
| 4-n-NONYLPHENOL | < 5 | TOTAL MAX. 100 |
| 4-NONYLPHENOL | < 5 | |
| NONYLPHENOL ETHOXYLATES | < 30 | |

NOTE) DETECTION LIMIT : 4-n-NONYLPHENOL = 5 mg/kg

4-NONYLPHENOL = 5 mg/kg

NONYLPHENOETHOXYLATES = 30 mg/kg

< = LESS THAN

05. ORGANOTIN COMPOUNDS (KS K 0737 : 2019, METHOD A) : mg/kg

| | #1 | REQUIREMENT |
|------------------|-------|-------------|
| TBT(TRIBUTYLTIN) | < 0.1 | MAX. 1.0 |

NOTE) DETECTION LIMIT = 0.1 mg/kg

ADSORBATE OF PURIFICATION : SILICA GEL(Sep-Pak, WAT020520)

ANALYSIS EQUIPMENT : GAS CHROMATOGRAPHY MASS SPECTROMETRY

< = LESS THAN

e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI.

This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

REPORT NO.: F234-20-10246
PAGE : 4 OF 4

06. TOTAL LEAD(Pb) CONTENT (MOTIE NOTIFICATION No.2019-201 "COMMON SAFETY STANDARDS FOR CHILDREN'S PRODUCT") : mg/kg

| | #1 | REQUIREMENT |
|--|------|-------------|
| | < 10 | MAX. 90 |

NOTE) DETECTION LIMIT = 10 mg/kg
< = LESS THAN

07. TOTAL CADMIUM(Cd) CONTENT (MOTIE NOTIFICATION No.2019-201 "COMMON SAFETY STANDARDS FOR CHILDREN'S PRODUCT") : mg/kg

| | #1 | REQUIREMENT |
|--|------|-------------|
| | < 10 | MAX. 75 |

NOTE) DETECTION LIMIT = 10 mg/kg
< = LESS THAN

**** End of The Report ****



e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI. This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.