

TEST REPORT



APPLICANT : NOW MEDIC CO.,LTD

REPORT NO. : F234-20-08359

ITEM : NON-WOVEN FABRIC

RECEIVED DATE : 2020-09-03

CLASSIFICATION : TEXTILE PRODUCTS FOR CHILDREN

ISSUED DATE : 2020-09-08

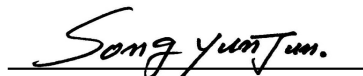
DESCRIPTION : SPUNLACE NON-WOVEN FABRIC
#1 A, #2 B

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TEST ITEM	(#1)	(#2)
ARYLAMINES(*)	PASS	-
FORMALDEHYDE CONTENT(*)	PASS	-
pH(*)	PASS	-
TOTAL NONYLPHENOL(NP, NPEO)CONTENT(*)	PASS	-
ORGANOTIN COMPOUNDS(*)	PASS	PASS
TOTAL LEAD(Pb) CONTENT(*)	PASS	PASS
TOTAL CADMIUM(Cd) CONTENT(*)	PASS	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.: TATC-QKN8-D5E9 ※

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

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

	#1	REQUIREMENT
4-AMINOBIIPHENYL	< 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'-DICHLOROBENZIDINE	< 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-AMINOBIIPHENYL (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

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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
	6.2	4.0 ~ 7.5

NOTE) THE TYPE OF SOLUTION USED : KCl SOLUTION (pH 5.9)
THE TEMPERATURE OF EXTRACTING SOLUTION : 23.1 °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	#2	REQUIREMENT
TBT(TRIBUTYLTIN)	< 0.1	< 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

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

	#1	#2	REQUIREMENT
	< 10	< 10	MAX. 90

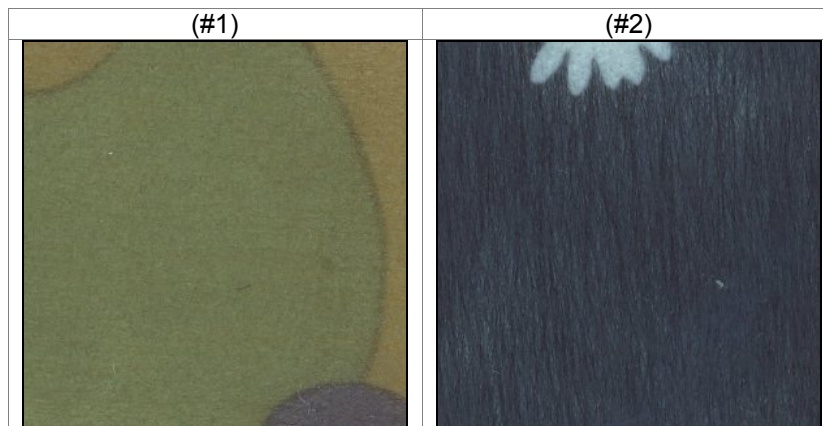
NOTE) DETECTION LIMIT = 10 mg/kg
 < = LESS THAN

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

	#1	#2	REQUIREMENT
	< 10	< 10	MAX. 75

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

** End of The Report **



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