

KATRI 한국의류시험연구원
14087 48 19()
(Tel: 031-596-5600, Fax: 031-596-5797)

: K K O 21-00006241
(1) / (12)



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()			866-81-01034
()			010-3008-7084
	4 21,140 ()		

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4. : 2021.05.12 ~ 2021.05.17

5. :
(1) 1[2018-0032 (2018.3.5)]
(2) [2019-0201 (2019.12.3)]

6. : ()

	바늘	HL
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3) (K O L A S)

2021.05.17



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(mg/kg)		(1)	
	20		
* : (1)			
* : 20 mg/kg			
* : UV/VIS Spectrophotometer			

(mg/kg)		(1)	
DBT (Dibutyltin)	1.0	0.5	
TBT (Tributyltin)	0.5	0.3	
* : (1)			
* : DBT (0.5 mg/kg), TBT (0.3 mg/kg)			
* : GC-MS			

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(mg/kg)	CAS		(1)	
biphenyl-4-ylamine	92-67-1	30	5	
Benzidine	92-87-5	30	5	
4-chloro-2-toluidine	95-69-2	30	5	
2-Naphthylamine	91-59-8	30	5	
o-aminobenzene	97-56-3	30	5	
2-amino-4-nitrobenzene	99-55-8	30	5	
4-Chloroaniline	106-47-8	30	5	
2,4-diaminobenzene	615-05-4	30	5	
4,4'-diaminodiphenylmethane	101-77-9	30	5	
3,3'-Dichlorobenzidine	91-94-1	30	5	
3,3'-Dimethoxybenzidine	119-90-4	30	5	
3,3'-Dimethylbenzidine	119-93-7	30	5	
4,4'-methylenebis(2-toluidine)	838-88-0	30	5	
p-cresidine	120-71-8	30	5	
4,4'-methylenebis(2-chloroaniline)	101-14-4	30	5	
4,4'-oxydianiline	101-80-4	30	5	
4,4'-thiodianiline	139-65-1	30	5	
o-Toluidine	95-53-4	30	5	
2,4-toluidinediamine	95-80-7	30	5	
2,4,5-trimethylaniline	137-17-7	30	5	
o-anisidine	90-04-0	30	5	
4-aminobenzene	60-09-3	30	5	
2,4-xylidine	95-68-1	30	5	
2,6-xylidine	87-62-7	30	5	
* : (1)				
* : 5 mg/kg				
* : GC-MS				

(mg/kg)			
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(%)	CAS		(1)	
가				
Di-n-octylphthalate (DNOP)	117-84-0	0.1	0.01	
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7		0.01	
Butylbenzylphthalate (BBP)	85-68-7		0.01	
Dibutylphthalate (DBP)	84-74-2		0.01	
Di-iso-nonylphthalate (DNP)	28553-12-0		0.01	
Diisodecylphthalate (DIDP)	26761-40-0		0.01	
* : (1)				
* : 0.01 %				
* : GC-MS				

(mg/kg)			
			-

(mg/kg)			
()			-

(mg/kg)			
()			-

(mg/kg)		(1)	
()	90	10	
* : (1)			
* : 10 mg/kg			
* : ICP-AES			

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(mg/kg)			
()			-

(mg/kg)			
()			-

(mg/kg)			
()			-

(mg/kg)		(1)	
()	75	10	
* : (1)			
* : 10 mg/kg			
* : ICP/AES			

(mg/kg)			
()			-

(mg/kg)			
			-

		(1)	
pH	4.0~ 7.5	5.9	
* : (1)			
* : 0.1 mol/L KCl			
* : pH meter			

(μg/cm ² /week)			
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(mg/kg)			
		(1)	
NP (Nonylphenol)	100	3	
NPEO (Nonylphenol ethoxylates)		30	
* : (1)			
* : (NP : 3 mg/kg , NPEO : 30 mg/kg)			
* : GC-MS/MS , LC-MS/MS			

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(mg/kg)		(1)	
Sb)	60	5	
As)	25	2	
Ba)	1 000	5	
Cd)	75	5	
Cr)	60	5	
Pb)	90	5	
Hg)	60	2	
Se)	500	5	
* : (1)			
*			
* : Sb , Ba , Cd , Cr , Pb , Se 5 mg/kg , As , Hg 2 mg/kg			
* : ICP /AES			

(mg/kg)			
			-

(mg/kg)			
가			-

3.2.1			-

3.2.2가			-

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3.2.3			-

3.2.4			-

3.2.5			-

3.3			-

가 1	-	-	-

(ng kg)			
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(ng kg)			
			-

(ng kg)			
6가			-

(ng kg)			
			-

(ng kg)			
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(mg kg)			
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(mg kg)			
() %			-

(mg kg)			
() %			-

(mg kg)			
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(mg kg)			
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(mg kg)			
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(mg kg)			
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(mg kg)			
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(mg kg)			
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(mg kg)			
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(%)			
가	가)		-

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