

시험성적서

번호 F690101/LF-CTSAYHA24-04013

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페이지 1 / 6

고객명 : 한국제지주
주소 : 울산시 울주군 온산읍 원산로 40



고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYHA24-04013
시료명 : KACE
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시험성적서의 용도 : 품질관리용
시험수행 : 한국에스지이에스㈜에서 수행된 시험은 고객이 제공한 시료에 대하여 고객이 요청한 방법에 의해 실행되고 협의된 내용임을 알려드립니다.
시험방법 : 어린이제품 공통안전기준
[산업통상자원부고시 제2022-0220호(2022.12.14.)]
시험항목 및 결과 : 자세한 결과는 다음 장을 참조하세요
성적서 참고 사항 : 이 시험 결과는 의뢰자가 제시한 시료 및 시료명에만 한정됩니다.
이 시험 성적서는 KOLAS 인정과 관련 없습니다.

적합성 진술은 요청된 규격 또는 표준에 제시된 기준으로 진행되었으며, 고객 동의 하에 측정불확도를 고려하지 않고 이분법적(단순채택) 의사결정 규칙인 ILAC-G8:09/2019 가이드라인 4.2.1항에 따라 합격/불합격으로 표기하였다.

비고) 이 시험성적서는 의뢰인에 의해 제공된 시료에 한하며, 용도 이외의 사용을 금합니다.

Monet Jeong

정 양 선

기술책임자 / 한국에스지이에스㈜

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산업통상자원부고시 제2022-0220호 어린이제품 공통안전기준

조항	시험항목		허용치	결과판정
3.1	유해화학물질 안전요건			
3.1.1	유해원소 용출 (mg/kg)	안티모니(Sb)	60이하	합격
		비소(As)	25이하	
		바륨(Ba)	1 000이하	
		카드뮴(Cd)	75이하	
		크로뮴(Cr)	60이하	
		납(Pb)	90이하	
		수은(Hg)	60이하	
		셀레늄(Se)	500이하	
3.1.2	유해원소 함유량 (mg/kg)	총 납(Pb)	100 이하 (페인트 및 표면코팅의 경우, 90 이하)	합격
		총 카드뮴(Cd)	75 이하	합격
3.1.3	프탈레이트계 가소제 (%)	DEHP	총 합 0.1 이하	합격
		DBP		
		BBP		
		DINP		
		DIDP		
		DnOP		
		DIBP		

- 업체가 요청한 항목에 대해서만 시험 진행 및 표기됨.

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산업통상자원부고시 제2022-0220호 어린이제품 공통안전기준

3.1 유해화학물질 안전요건

3.1.1 유해원소 용출 (분석장비: ICP-OES)

시험항목	유해원소 용출							
	안티모니 (Sb)	비소 (As)	바륨 (Ba)	카드뮴 (Cd)	크로뮴 (Cr)	납 (Pb)	수은 (Hg)	셀레늄 (Se)
허용치 (mg/kg)	60 이하	25 이하	1 000 이하	75 이하	60 이하	90 이하	60 이하	500 이하
검출한계 (mg/kg)	5	2.5	10	5	2.5	5	2.5	10
시험결과 (mg/kg)	1	불검출	불검출	불검출	불검출	불검출	불검출	불검출

위 시험결과는 보정률을 적용한 결과임.

시료 구분

1. 종이

- 불검출 = 검출한계 미만

산업통상자원부고시 제2022-0220호 어린이제품 공통안전기준

3.1 유해화학물질 안전요건

3.1.2 유해원소 함유량 (분석장비: ICP-OES)

시험항목		총 납			시험항목		총 카드뮴		
		허용치 (mg/kg)	검출한계 (mg/kg)	시험결과 (mg/kg)			허용치 (mg/kg)	검출한계 (mg/kg)	시험결과 (mg/kg)
총 납	1	100이하	20	불검출	총 카드뮴	1	75이하	5	불검출

시료 구분

1. 종이

- 불검출 = 검출한계 미만

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산업통상자원부고시 제2022-0220호 어린이제품 공통안전기준

3.1 유해화학물질 안전요건

3.1.3 프탈레이트계 가소제 (분석장비: GC-MS)

항목		프탈레이트계 가소제 (%)			
		CAS 번호	검출한계 (%)	시험결과 (%)	허용치 (%)
				1	
DEHP	Di-(2-ethylhexyl) phthalate	117-81-7	0.005	불검출	총 합 0.1 이하
DBP	Dibutyl phthalate	84-74-2	0.005	불검출	
BBP	Benzyl butyl phthalate	85-68-7	0.005	불검출	
DINP	Diisononyl phthalate	28553-12-0 / 68515-48-0	0.005	불검출	
DIDP	Diisodecyl phthalate	26761-40-0 / 68515-49-1	0.005	불검출	
DnOP	Di-n-octyl phthalate	117-84-0	0.005	불검출	
DIBP	Diisobutyl phthalate	84-69-5	0.005	불검출	
합계* (DEHP + DBP + BBP + DINP + DIDP + DnOP + DIBP)				불검출	--

시료 구분

1. 종이

- 불검출 = 검출한계 미만
- 1 % = 10 000 mg/kg
- 합계* = 검출한계 이상의 검출치의 총합

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수령한 시료의 사진 :



AYHA24-04013

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