

# 시험성적서

번호 **F690101/LF-CTSAYHA16-06100**

발행일 : 2016. 06. 10

페이지 1 / 5

고객명 : 대한잉크(주)  
주소 : 경기 평택시 청북면 어연리 899

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

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<b>SGS 파일 번호</b>	: AYHA16-06100
<b>시료명</b>	: NON CARBON (OL-4), RICH CARBON (OL-5), 고농도 흑색
<b>아이템번호</b>	: -
<b>제출처</b>	: -
<b>제조사명</b>	: 대한잉크(주)
<b>제조국</b>	: 대한민국
<b>사용연령</b>	: -
<b>시료접수일</b>	: 2016. 06. 02
<b>시험기간</b>	: 2016. 06. 02 ~ 2016. 06. 10
<b>시험성적서의 용도</b>	: 공급자적합성 확인
<b>시험수행</b>	: 한국에스지에스(주)에서 수행된 시험은 고객이 제공한 시료에 대하여 고객이 요청한 방법에 의해 실행되고 협의된 내용임을 알려드립니다.
<b>시험방법</b>	: 어린이제품 공통안전기준 [산업통상자원부고시 제 2015-0110 호(2015. 6. 4.)]
<b>시험항목 및 결과</b>	: 자세한 결과는 다음 장을 참조하세요

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

한국에스지에스(주)



장기홍 / 기술책임자

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산업통상자원부고시 제 2015-0110 호 어린이제품 공통안전기준

### 3. 유해물질 안전요건

#### 3.1 유해 화학물질

조 항	항 목		기 준 치	시 험 결 과	
3.1	유해물질 안전요건				
	유해원소 용출 (mg/kg)	안티모니 (Sb)	60 이하		합격 (재료시험 참조)
		비소 (As)	25 이하		
		바륨 (Ba)	1000 이하		
		카드뮴 (Cd)	75 이하		
		크로뮴 (Cr)	60 이하		
		납 (Pb)	90 이하		
		수은 (Hg)	60 이하		
		셀레늄 (Se)	500 이하		
	유해원소 함유량 (mg/kg)	총 납 (Pb)	총 납의 함유량이 300 이하이어야 함. (페인트 및 표면코팅의 경우 90 이하)		합격 (재료시험 참조)
		총 카드뮴 (Cd)	총 카드뮴의 함유량이 75 이하이어야 함.		합격 (재료시험 참조)
	프탈레이트 가소제 총 함유량 (%)	DEHP	총 함유량이 0.1 %를 초과하지 않음.		합격 (재료시험 참조)
		DBP			
		BBP			
		DNOP			
DINP					
DIDP					

- 업체가 요청한 항목에 대해서만 시험 진행 및 표기됨.

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[재료시험 참조]

산업통상자원부고시 제 2015-0110 호 어린이제품 공통안전기준

3. 유해물질 안전요건

3.1 유해 화학물질 [유해원소 용출]

항목	유해원소 용출 (시험장비 : ICP-OES)							
	비소 (As)	안티몬 (Sb)	셀레늄 (Se)	카드뮴 (Cd)	수은 (Hg)	크롬 (Cr)	납 (Pb)	바륨 (Ba)
기준치 (mg/kg)	25 이하	60 이하	500 이하	75 이하	60 이하	60 이하	90 이하	1000 이하
검출한계 (mg/kg)	2.5	5	10	5	2.5	2.5	5	10
시험결과 (mg/kg)	1	검출안됨	검출안됨	검출안됨	검출안됨	검출안됨	검출안됨	검출안됨

위 시험결과는 보정률을 적용한 결과임.

3.1 유해 화학물질 [유해원소 함유량]

항목	납(시험장비 : ICP-OES)			항목	카드뮴 (시험장비 : ICP-OES)				
	기준치 (mg/kg)	검출한계 (mg/kg)	시험결과 (mg/kg)		기준치 (mg/kg)	검출한계 (mg/kg)	시험결과 (mg/kg)		
납	1	90 이하	20	검출안됨	카드뮴	1	75 이하	5	검출안됨

시료 구분

1. 검정 페인트

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산업통상자원부고시 제 2015-0110 호 어린이제품 공통안전기준

3. 유해물질 안전요건

3.1 유해 화학물질 [프탈레이트 가소제 총 함유량]

항목	프탈레이트 가소제 (시험장비 : GC-MS)						
	DEHP	DBP	BBP	합계*	DNOP	DINP	DIDP
기준치 (%)	총 함이 0.1 %를 초과하지 않음.					총 함이 0.1% 초과검출시 경고문구* 표시	
검출한계 (%)	0.005	0.005	0.005	0.005		0.005	0.005
시험결과 (%)	1	검출안됨	검출안됨	검출안됨	검출안됨	검출안됨	검출안됨

- 참고 : % = 10,000 mg/kg

-어린이의 입에 넣어 사용할 용도로 제작된 것이 아닌 어린이제품 중 DEHP, DBP, BBP, DINP, DIDP, DNOP 의 총합이 0.1%를 초과한 제품에는 경고사항을 표시하여야 한다.

[ “경고! 입에 넣으면 프탈레이트 가소제가 용출될 수 있으니 입에 넣지 말 것.” ]

- 합계\* = 검출한계 이상의 검출치의 총합임

시료 구분

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수령한 시료의 사진 :



\*\*\* 끝 \*\*\*

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