

시험성적서

번호 F690101/LF-CTSAYHA24-04016

발행일: 2024. 04. 04

페이지 1 / 6

고객명 : 한국제지주
주소 : 울산시 울주군 온산읍 원산로 40



고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYHA24-04016
시료명 : 러프글로스지
아이템번호 : -
제출처 : -
제조사명 : -
제조국 : 대한민국
사용연령 : 전연령
시료접수일 : 2024. 03. 28
시험기간 : 2024. 03. 28 ~ 2024. 04. 04
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.

정 양 선

기술책임자 / 한국에스지이에스㈜

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

수령한 시료의 사진 :



AYHA24-04016

*** 끝 ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).