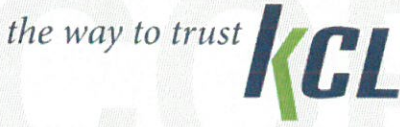


# 시험 · 검사성적서



한국건설생활환경시험연구원

153-803 서울특별시 금천구 가산디지털1로 199(가산동)

TEL : 02-2102-2500 / FAX : 02-856-5618

식품의약품안전처 지정번호 : 식품 등 제23호

접 수 번 호 : FP22-01691K  
 의 회 업 체 : (주)테이팩스 유니랩공장  
 [대표자:김상구(연락처:031-352-8056)]  
 소 재 지 : 경기도 화성시 향남읍 만년로 108  
 검 사 목 적 : 자가품질위탁검사  
 제 품 명 : 유니랩  
 재 질 · 유 형 : Polyvinylchloride

발 행 번 호 : 220101691  
 검 사 완 료 일 : 2022.05.26.  
 접 수 연 월 일 : 2022.05.16.  
 제 조 일 자 : 2022.05.11.  
 발 급 일 자 : 2022.05.26.

## 시험 · 검사결과

첨부 시험 · 검사 분석 결과 표와 같음

시험검사원: 정성원

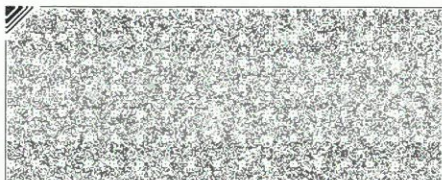
시험검사책임자: 안혜정

「식품·의약품분야 시험·검사 등에 관한 법률」 제11조 제2항 및 같은 법 시행규칙 제12조 제4항 제1호에 따라 위와 같이 시험·검사성적서를 발급합니다.

한국건설생활환경시험연구원장



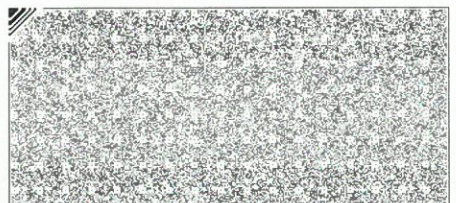
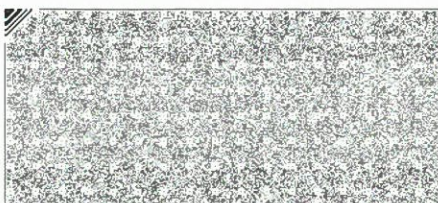
- 비고 : 1. 위 판정은 의뢰된 시험·검사 항목만을 대상으로 한 것입니다.  
 2. 검사결과를 광고하거나 용기·포장 등에 표시할 때에는 시험·검사 성적서 전체 내용을 모두 표시해야 합니다.



발급번호 : 220101691

시험·검사항목	단위	시험·검사기준	시험·검사결과	판정	비고
잔류 납(Pb)	mg/kg	100 이하(합)	불검출	적합	-
잔류 카드뮴(Cd)	mg/kg	100 이하(합)	불검출	적합	-
잔류 수은(Hg)	mg/kg	100 이하(합)	불검출	적합	-
잔류 6가크롬(Cr <sup>6+</sup> )	mg/kg	100 이하(합)	불검출	적합	-
잔류 염화비닐	mg/kg	1 이하	불검출	적합	-
잔류 디부틸주석화합물 (이염화디부틸주석으로서)	mg/kg	50 이하	불검출	적합	-
잔류 크레졸인산에스테르	mg/kg	1 000 이하	불검출	적합	-
용출 납(Pb)	mg/L	1 이하	불검출	적합	-
용출 과망간산칼륨 소비량	mg/L	10 이하	1	적합	-
용출 총용출량 4 % 초산	mg/L	30 이하	8	적합	-
용출 총용출량 물	mg/L	30 이하	4	적합	-
용출 총용출량 n-헵탄	mg/L	150 이하	130	적합	-
용출 Dibutylphthalate(DBP) 4 % 초산	mg/L	0.3 이하	불검출	적합	-
용출 Dibutylphthalate(DBP) 물	mg/L	0.3 이하	불검출	적합	-
용출 Dibutylphthalate(DBP) n-헵탄	mg/L	0.3 이하	불검출	적합	-
용출 Butylbenzylphthalate(BBP) 4 % 초산	mg/L	30 이하	불검출	적합	-
용출 Butylbenzylphthalate(BBP) 물	mg/L	30 이하	불검출	적합	-
용출 Butylbenzylphthalate(BBP) n-헵탄	mg/L	30 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)adipate(DEHA) 4% 초산	mg/L	18 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)adipate(DEHA) 물	mg/L	18 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)adipate(DEHA) n-헵탄	mg/L	18 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)phthalate(DEHP) 4 % 초산	mg/L	1.5 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)phthalate(DEHP) 물	mg/L	1.5 이하	불검출	적합	-
용출 Di-(2-ethylhexyl)phthalate(DEHP) n-헵탄	mg/L	1.5 이하	불검출	적합	-
용출 Di-n-octylphthalate(DNOP) 4 % 초산	mg/L	5 이하	불검출	적합	-
용출 Di-n-octylphthalate(DNOP) 물	mg/L	5 이하	불검출	적합	-
용출 Di-n-octylphthalate(DNOP) n-헵탄	mg/L	5 이하	불검출	적합	-
용출 Di-(iso-nonyl)phthalate(DINP) 및 Di-(iso-decyl)phthalate(DIDP) 4 % 초산	mg/L	9 이하(합)	불검출	적합	-
용출 Di-(iso-nonyl)phthalate(DINP) 및 Di-(iso-decyl)phthalate(DIDP) 물	mg/L	9 이하(합)	불검출	적합	-
용출 Di-(iso-nonyl)phthalate(DINP) 및 Di-(iso-decyl)phthalate(DIDP) n-헵탄	mg/L	9 이하(합)	불검출	적합	-
종합판정			적합		
시험·검사방법			식품용 기구 및 용기포장 공전		

- 이 하 여 백 -



# Certificate of Laboratory Testing

the way to trust **KCL**

**Korea Conformity Laboratories**

153-803 199, Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea

TEL : 82-2-2102-2500 / FAX : 82-2-856-5618

MFDS Designation No.: Food etc. 23

Receipt No. : FP22-01691E

Issue No. : 220101691

Company : Tapex Uniwrap Inc.

Test Completion Date : May. 26, 2022

Client Name : Kim Sang Goo(Tel:031-352-8056)

Date of Receipt : May. 16, 2022

Address : 108, Mannyeon-ro, Hyangnam-eup, Hwaseong-si,  
Gyeonggi-do, Korea

Date of Manufacturing : May. 11, 2022

Product Name : UNIWRAP

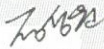
Purpose of Test : Quality Control

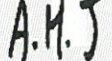
Material : Polyvinylchloride

Issued Date : May. 26, 2022

## Test Results

Refer to the next page.

Testing Personnel : JUNG SUNGWON 

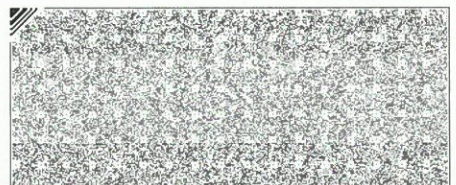
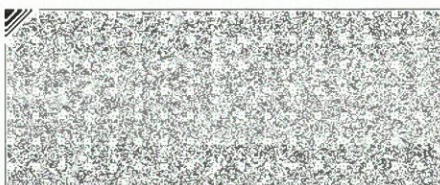
Testing Manager : Hye Jeong Ahn 

The above testing and inspection report shall be issued in accordance with Article 11(2) of the Act on Testing and Inspection of Food and Drugs and Article 12(4)1 of the Enforcement Regulation of the Act

**Korea Conformity Laboratories** 

Jo, Yung Tae

- ※ The judgment above shall be only subject to the requested test items.
- ※ When advertising test results or indicating test results on containers or packages, the entire content of the test report shall be indicated



NO. : 220101691

Test Items	Unit	Specifications	Test Results	Judgment	Remarks
Residual Lead(Pb)	mg/kg	Not more than 100 (Sum)	Not detected	Suitability	-
Residual Cadmium(Cd)	mg/kg	Not more than 100 (Sum)	Not detected	Suitability	-
Residual Mercury(Hg)	mg/kg	Not more than 100 (Sum)	Not detected	Suitability	-
Residual Chromium VI(Cr <sup>6+</sup> )	mg/kg	Not more than 100 (Sum)	Not detected	Suitability	-
Residual Vinylchloride	mg/kg	Not more than 1	Not detected	Suitability	-
Residual Dibutyltin compounds(as Dibutyltin dichloride)	mg/kg	Not more than 50	Not detected	Suitability	-
Residual Cresol Phosphate Esters	mg/kg	Not more than 1 000	Not detected	Suitability	-
Extraction Lead(Pb)	mg/L	Not more than 1	Not detected	Suitability	-
Extraction Consumption of KMnO <sub>4</sub>	mg/L	Not more than 10	1	Suitability	-
Extraction Overall migration 4 % Acetic Acid	mg/L	Not more than 30	8	Suitability	-
Extraction Overall migration Water	mg/L	Not more than 30	4	Suitability	-
Extraction Overall migration n-Heptane	mg/L	Not more than 150	130	Suitability	-
Extraction DibutylPhthalate(DBP) 4 % Acetic Acid	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction DibutylPhthalate(DBP) Water	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction DibutylPhthalate(DBP) n-Heptane	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction Butylbenzylphthalate(BBP) 4 % Acetic Acid	mg/L	Not more than 30	Not detected	Suitability	-
Extraction Butylbenzylphthalate(BBP) Water	mg/L	Not more than 30	Not detected	Suitability	-
Extraction Butylbenzylphthalate(BBP) n-Heptane	mg/L	Not more than 30	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)Adipate (DEHA) 4 % Acetic Acid	mg/L	Not more than 18	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)Adipate (DEHA) Water	mg/L	Not more than 18	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)Adipate (DEHA) n-Heptane	mg/L	Not more than 18	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)phthalate(DEHP) 4 % Acetic Acid	mg/L	Not more than 1.5	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)phthalate(DEHP) Water	mg/L	Not more than 1.5	Not detected	Suitability	-
Extraction Di-(2-ethylhexyl)phthalate(DEHP) n-Heptane	mg/L	Not more than 1.5	Not detected	Suitability	-
Extraction Di-n-octylphthalate(DNOP) 4 % Acetic Acid	mg/L	Not more than 5	Not detected	Suitability	-
Extraction Di-n-octylphthalate(DNOP) Water	mg/L	Not more than 5	Not detected	Suitability	-
Extraction Di-n-octylphthalate(DNOP) n-Heptane	mg/L	Not more than 5	Not detected	Suitability	-
Extraction Di-(iso-decyl)phthalate(DIDP) & Di-(iso-nonyl)phthalate (DINP) 4 % Acetic Acid	mg/L	Not more than 9 (Sum)	Not detected	Suitability	-
Extraction Di-(iso-decyl)phthalate(DIDP) & Di-(iso-nonyl)phthalate (DINP) Water	mg/L	Not more than 9 (Sum)	Not detected	Suitability	-
Extraction Di-(iso-decyl)phthalate(DIDP) & Di-(iso-nonyl)phthalate (DINP) n-Heptane	mg/L	Not more than 9 (Sum)	Not detected	Suitability	-
Final Judgment	Suitability				
Test Method	Standards and Specifications for Food Utensils, Containers and Packages.				

- End of Report -

