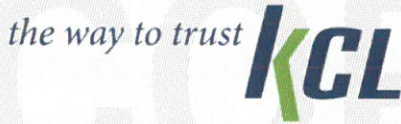


시험 · 검사성적서



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 : FP21-03952K
 의뢰업체 : (주)테이팩스 유니랩공장
 [대표자:심병섭(연락처:031-352-8056)]
 소재지 : 경기도 화성시 향남읍 만년로 108
 검사목적 : 자가품질위탁검사
 제품명 : 유니랩
 재질·유형 : Polyvinylchloride

발행번호 : 210103952
 검사완료일 : 2021.11.23.
 접수연월일 : 2021.11.15.
 제조일자 : 2021.11.12.
 발급일자 : 2021.11.24.

시험 · 검사결과

첨부시험 · 검사분석결과표와 같음

시험검사원: 강민지

KMJ

시험검사책임자: 박경호

P.K.H

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

한국건설생활환경시험연구원장



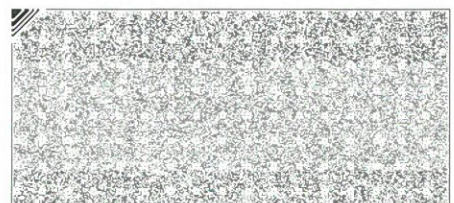
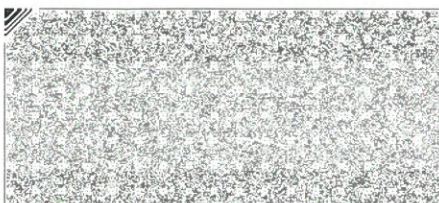
비고 : 1. 위 판정은 의뢰된 시험·검사 항목만을 대상으로 한 것입니다.
 2. 검사결과를 광고하거나 용기·포장 등에 표시할 때에는 시험·검사 성적서 전체 내용을 모두 표시해야 합니다.



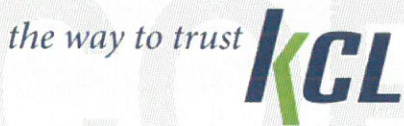
발 급 번 호 : 210103952

시험 · 검사항목	단 위	시험 · 검사기준	시험 · 검사결과	판 정	비 고
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 ⁶⁺)	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	12	적합	-
용출 총용출량 물	mg/L	30 이하	6	적합	-
용출 총용출량 n-헵탄	mg/L	150 이하	136	적합	-
용출 Di-n-butyl phthalate(DBP) 4 % 초산	mg/L	0.3 이하	불검출	적합	-
용출 Di-n-butyl phthalate(DBP) 물	mg/L	0.3 이하	불검출	적합	-
용출 Di-n-butyl phthalate(DBP) n-헵탄	mg/L	0.3 이하	불검출	적합	-
용출 Benzyl-n-butylphthalate(BBP) 4 % 초산	mg/L	30 이하	불검출	적합	-
용출 Benzyl-n-butylphthalate(BBP) 물	mg/L	30 이하	불검출	적합	-
용출 Benzyl-n-butylphthalate(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 Diisononyl phthalate(DINP) 및 Diisodecyl phthalate(DIDP) 4 % 초산	mg/L	9 이하(합)	불검출	적합	-
용출 Diisononyl phthalate(DINP) 및 Diisodecyl phthalate(DIDP) 물	mg/L	9 이하(합)	불검출	적합	-
용출 Diisononyl phthalate(DINP) 및 Diisodecyl phthalate(DIDP) n-헵탄	mg/L	9 이하(합)	불검출	적합	-
종합 판 정	적합				
시험 · 검사방법	식품용 기구 및 용기포장 공전				

- 이 하 여 백 -



Certificate of Laboratory Testing



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. : FP21-03952E
 Company : Tapex Uniwrap Inc.
 Client Name : Shim Byeong Seob (Tel:031-352-8056)
 Address : 108, Mannyeon-ro, Hyangnam-eup, Hwaseong-si,
 Gyeonggi-do, Korea
 Product Name : UNIWRAF
 Material : Polyvinylchloride

Issue No. : 210103952
 Test Completion Date : Nov. 23, 2021
 Date of Receipt : Nov. 15, 2021
 Date of Manufacturing : Nov. 12, 2021
 Purpose of Test : Quality Control
 Issued Date : Nov. 24, 2021

Test Results

Refer to the next page.

Testing Personnel : Min Ji Kang

KMJ

Testing Manager :

Park, Kyung Ho

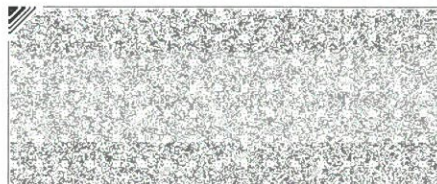
P.K.H

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. : 210103952

Test Items	Unit	Specifications	Test Results	Judgment	Remarks
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 Phosphorate 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 ₄	mg/L	Not more than 10	1	Suitability	-
Extraction Overall migration 4 % Acetic Acid	mg/L	Not more than 30	12	Suitability	-
Extraction Overall migration Water	mg/L	Not more than 30	6	Suitability	-
Extraction Overall migration n-Heptane	mg/L	Not more than 30	136	Suitability	-
Extraction Di-n-butyl phthalate(DBP) 4 % Acetic Acid	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction Di-n-butyl phthalate(DBP) Water	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction Di-n-butyl phthalate(DBP) n-Heptane	mg/L	Not more than 0.3	Not detected	Suitability	-
Extraction Benzyl-n-butylphthalate(BBP) 4 % Acetic Acid	mg/L	Not more than 30	Not detected	Suitability	-
Extraction Benzyl-n-butylphthalate(BBP) Water	mg/L	Not more than 30	Not detected	Suitability	-
Extraction Benzyl-n-butylphthalate(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 Diisononyl phthalate(DINP) & Diisodecyl phthalate(DIDP) 4 % Acetic Acid	mg/L	Not more than 9 (Sum)	Not detected	Suitability	-
Extraction Diisononyl phthalate(DINP) & Diisodecyl phthalate(DIDP) Water	mg/L	Not more than 9 (Sum)	Not detected	Suitability	-
Extraction Diisononyl phthalate(DINP) & Diisodecyl phthalate(DIDP) 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 -

