



# 시험성적서 번호 F690101/LF-CTSAYAA15-57602K

발행일: 2015. 11. 13 페이지: 1 / 5

고객명 : 한국코스틱주식회사  
주소 : 경기 김포시 풍무동 32-2

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYAA15-57602K  
제품명 : PET Film Label(Coating)  
아이템 번호 : Clear\_Metalized\_White  
시료 접수 날짜 : 2015. 11. 10  
시험 시행 기간 : 2015. 11. 10 ~ 2015. 11. 13  
시험 결과 : 자세한 결과는 다음 장을 참조하세요.

한국에스지에스 (주)

장기흥 / 기술책임자

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# 시험성적서 번호 F690101/LF-CTSAYAA15-57602K

발행일: 2015. 11. 13 페이지: 2 / 5

시료번호 : AYAA15-57602K.001  
 시료명 : PET Film Label(Coating)  
 아이템번호 : Clear\_Metalized\_White  
 재질 : N/A

## Heavy Metals

분석항목	단위	시험방법	검출한계	결과
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5:2013 (Determination of Cadmium by ICP-OES)	0.5	불검출
Lead (Pb)	mg/kg	With reference to IEC 62321-5:2013 (Determination of Lead by ICP-OES)	5	불검출
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013 (Determination of Mercury by ICP-OES)	2	불검출
Hexavalent Chromium (Cr VI)	mg/kg	With reference to IEC 62321:2008 (Determination of Hexavalent Chromium by spot test/Colorimetric Method using UV-Vis)	1	불검출
Antimony (Sb)	mg/kg	With reference to EPA 3052(1996), US EPA 6010B(1996), ICP	10	149
Beryllium (Be)	mg/kg	With reference to EPA 3052(1996), US EPA 6010B(1996), ICP	0.5	불검출

## Flame Retardants-PBBs/PBDEs

분석항목	단위	시험방법	검출한계	결과
Monobromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tribromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Pentabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Hexabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Heptabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Octabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Nonabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Decabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출

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발행일: 2015. 11. 13 페이지: 3 / 5

시료번호 : AYAA15-57602K.001  
 시료명 : PET Film Label(Coating)  
 아이템번호 : Clear\_Metalized\_White  
 재질 : N/A

## Flame Retardants-PBBs/PBDEs

분석항목	단위	시험방법	검출한계	결과
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBBs and PBDEs by GC-MS)	5	불검출

## Phthalates

분석항목	단위	시험방법	검출한계	결과
Benzyl butyl phthalate (BBP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-butyl phthalate (DBP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-isodecyl phthalate (DIDP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-isononyl phthalate (DINP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-n-octyl phthalate (DNOP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-isobutyl phthalate (DIBP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-ethyl phthalate(DEP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-methyl phthalate (DMP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
[di(C7-C11 alkyl)phthalate] linear and branched (DHNUP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출

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발행일: 2015. 11. 13 페이지: 4/ 5

시 료 번 호 : AYAA15-57602K.001  
 시 료 명 : PET Film Label(Coating)  
 아 이 템 번 호 : Clear\_Metalized\_White  
 재 질 : N/A

## Phthalates

분 석 항 목	단 위	시 험 방 법	검 출 한 계	결 과
[di(C6-C8 alkyl)phthalate] branched (DIHP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Bis(2-methoxyethyl) phthalate (BMP, BMEP, DMEP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-iso-pentyl phthalate(DIPP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-n-hexyl phthalate (DNHP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출
Di-n-pentyl phthalate(DPP)	mg/kg	With reference to EPA 8061A , GC/MS	50	불검출

## Halogen Contents

분 석 항 목	단 위	시 험 방 법	검 출 한 계	결 과
Bromine(Br)	mg/kg	With reference to ASTM D 7359-08 , IC	30	불검출
Chlorine(Cl)	mg/kg	With reference to ASTM D 7359-08 , IC	30	불검출
Fluorine(F)	mg/kg	With reference to ASTM D 7359-08 , IC	30	불검출

주) 불검출 : 검출한계 미만

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