



시험성적서 번호 F690101/LF-CTSAYAA14-57162K

발행일: 2014. 12. 17 페이지: 1 / 4

고객명 : (주)중원화인텍
주소 : 인천 남동구 고잔동 689-2

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호	: AYAA14-57162K
제품명	: Ni-Plating Solution
아이템 번호	: N/A
시료 접수 날짜	: 2014. 12. 12
시험 시행 기간	: 2014. 12. 15 ~ 2014. 12. 17
제출처	: SAMSUNG ELECTRONICS
시험결과	: 자세한 결과는 다음 장을 참조하세요.

한국에스지에스 (주)

장 기 흥 / 기술책임자

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시험성적서

번호 F690101/LF-CTSAYAA14-57162K

발행일: 2014. 12. 17 페이지: 2/ 4

시 료 번 호 : AYAA14-57162K.001
시 료 명 : Ni-Plating Solution
아 이 템 번 호 : N/A
재 질 : N/A

Heavy Metals

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
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
Sb (Sb2O3)*	mg/kg	With reference to EPA 3052(1996), US EPA 6010B(1996), ICP	10	불검출

Flame Retardants-PBBs/PBDEs

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
Monobromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Dibromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tribromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Pentabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Hexabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Heptabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Octabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Nonabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Decabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출

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발행일: 2014. 12. 17 페이지: 3/ 4

시 료 번 호 : AYAA14-57162K.001
시 료 명 : Ni-Plating Solution
아 이 템 번 호 : N/A
재 질 : N/A

Flame Retardants-PBBs/PBDEs

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS)	5	불검출

Halogen Contents

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
Bromide (Br-)	mg/L	US EPA300.0, IC	30	불검출
Chloride (Cl-)	mg/L	US EPA300.0, IC	30	8870

주) 불검출 : 검출한계 미만

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접수된 시료의 사진 :



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