



## 시험성적서 번호 F690101/LF-CTSAYGU22-01555K

발행일: 2022. 01. 13    페이지: 1/ 4

고객명 : (주) 우신스틸  
주소 : 경상북도 영천시 금호읍 영천산단로 120



고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYGU22-01555K  
제품명 : SWCH30K(F)  
아이템 번호 : N/A  
시료 접수 날짜 : 2022. 01. 06  
시험 시행 기간 : 2022. 01. 06 ~ 2022. 01. 13  
시험 결과 : 자세한 결과는 다음 장을 참조하세요.

한국에스지에스 (주) / 부산시험소

이 동 주 / 기술책임자

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# 시험성적서

번호 F690101/LF-CTSAYGU22-01555K

발행일: 2022. 01. 13    페이지: 2 / 4

시 료 번 호 : AYGU22-01555K.001  
시 료 명 : SWCH30K(F)  
아 이 템 번 호 : N/A  
재 질 : METAL

## 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, by ICP-OES	0.5	불검출
Lead (Pb)	mg/kg	With reference to IEC 62321-5 : 2013, by ICP-OES	5	불검출
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 : 2013+A1 : 2017, by ICP-OES	2	불검출
Hexavalent Chromium (Cr VI) *	µg/cm²	With reference to IEC 62321-7-1 : 2015, by UV-Vis	0.1	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 62321-6 : 2015, by GC-MS	5	불검출
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Tribromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Pentabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Hexabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Heptabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Octabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Nonabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Decabromobiphenyl	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출

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# 시험성적서 번호 F690101/LF-CTSAYGU22-01555K

발행일: 2022. 01. 13 페이지: 3/ 4

시 료 번 호 : AYGU22-01555K.001  
시 료 명 : SWCH30K(F)  
아 이 템 번 호 : N/A  
재 질 : METAL

## Flame Retardants-PBBs/PBDEs

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 : 2015, by GC-MS	5	불검출

## Flame Retardants

분 석 항 목	단 위	시 험 방 법	검출한계	결 과
Hexabromocyclododecane (HBCDD, HBCD)	mg/kg	With reference to EPA 3540C : 1996, by GC-MS	5	불검출

- 주) (1) 불검출 : 검출한계 미만  
(2) \*= a. 검출 값이 0.13 ug/cm<sup>2</sup> 이상이면 Positive 로 결과 값 입력  
b. 검출 값이 0.10 ug/cm<sup>2</sup> 이하이면 Negative 로 결과 값 불검출로 입력  
c. 검출 값이 0.10 ug/cm<sup>2</sup> 과 0.13 ug/cm<sup>2</sup> 사이의 값이면 inconclusive 로 의심이 됨.(3회 재확인 시험을 진행해야함.)

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