

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



고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYGU20-06425K  
제품명 : SWCH22A  
아이템 번호 : N/A  
시료 접수 날짜 : 2020. 07. 01  
시험 시행 기간 : 2020. 07. 01 ~ 2020. 07. 09  
시험 결과 : 자세한 결과는 다음 장을 참조하세요.

한국에스지이에스 (주) / 시험사업본부 부산시험소



이 동 주 / 기술책임자



# 시험성적서 번호 F690101/LF-CTSAYGU20-06425K

발행일: 2020. 07. 09 페이지: 2 / 4

시료번호 : AYGU20-06425K.001  
 시료명 : SWCH22A  
 아이템번호 : N/A  
 재질 : METAL

## 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) *	µg/cm²	With reference to IEC 62321-7-1:2015 (Determination of CrVI by UV-Vis)	0.1	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
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

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**Flame Retardants-PBBs/PBDEs**

분석항목	단위	시험방법	검출한계	결과
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

**Flame Retardants**

분석항목	단위	시험방법	검출한계	결과
Hexabromocyclododecane (HBCDD, HBCD)	mg/kg	With reference to US EPA 3540C, 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.)  
 (3) 이 시험 결과는 의뢰자가 제시한 시료 및 시료명에만 한정됩니다.  
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접수된 시료의 사진 :



**AYGU20-06425K.001**

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