

시험성적서 번호 F690101/LF-CTSAYAA19-19943K

발행일: 2019. 03. 27 페이지: 1 / 4

고객명 : 일신태광금속(주)
주소 : 경기 안산시 단원구 신원로 232



고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYAA19-19943K
제품명 : 이음매 없는 구리 및 구리 합금관 (1220T)
아이템 번호 : N/A
시료 접수 날짜 : 2019. 03. 22
시험 시행 기간 : 2019. 03. 22 ~ 2019. 03. 27
시험 결과 : 자세한 결과는 다음 장을 참조하세요.

한국에스지에스 (주)

장기흥 / 기술책임자

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시험성적서 번호 F690101/LF-CTSAYAA19-19943K

발행일: 2019. 03. 27 페이지: 2 / 4

시료번호 : AYAA19-19943K.001
 시료명 : 이음매 없는 구리 및 구리 합금관 (1220T)
 아이템번호 : N/A
 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)*	µg/cm ²	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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시험성적서 번호 F690101/LF-CTSAYAA19-19943K

발행일: 2019. 03. 27 페이지: 3/ 4

시 료 번 호 : AYAA19-19943K.001
 시 료 명 : 이음매 없는 구리 및 구리 합금관 (1220T)
 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	검 출 한 계	결 과
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

- 주) (1) 불검출 : 검출한계 미만
 (2) *= a. 검출 값이 0.13 ug/cm2 이상이면 Positive 로 결과 값 입력
 b. 검출 값이 0.10 ug/cm2 이하이면 Negative 로 결과 값 불검출로 입력
 c. 검출 값이 0.10 ug/cm2 과 0.13 ug/cm2 사이의 값이면 inconclusive 로 의심이 됨.(3회 재확인 시험을 진행 해야함.)

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접수된 시료의 사진 :



AYAA19-19943K.001

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