



# 시험성적서 번호 F690101/LF-CTSAYAA18-31805R1

발행일: 2018. 06. 14 페이지: 1 / 4

고객명 : (주)일신케미칼  
주소 : 충청북도 진천군 덕산면 신척산단 1로 2



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| SGS 파일 번호 | : AYAA18-31805R1   |
| 제품명       | : 이형제 2차   |
| 아이템 번호    | : N/A  |
| 시료 접수 날짜  | : 2018. 06. 08   |
| 시험 시행 기간  | : 2018. 06. 08 ~ 2018. 06. 14                                  |
| 참고        | : 본 시험성적서는 이전에 발행한 성적서 번호 "F690101/LF-CTSAYAA18-31805"를 대체합니다. |
| 시험 결과     | : 자세한 결과는 다음 장을 참조하세요.   |

한국에스지에스 (주)

장기흥 / 기술책임자

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 아이템번호 : N/A  
 재질 : N/A

## Heavy Metals

| 분석항목                         | 단위    | 시험방법  | 검출한계 | 결과  |
|------------------------------|-------|---|------|-----|
| Cadmium (Cd)                 | mg/kg | With reference to IEC 62321-5:2013<br>(Determination of Cadmium by ICP-OES)   | 0.5  | 불검출 |
| Lead (Pb)                    | mg/kg | With reference to IEC 62321-5:2013<br>(Determination of Lead by ICP-OES)  | 5    | 불검출 |
| Mercury (Hg)                 | mg/kg | With reference to IEC 62321-4:2013<br>(Determination of Mercury by ICP-OES)   | 2    | 불검출 |
| Hexavalent Chromium (Cr VI)* | mg/kg | With reference to IEC 62321-7-2:2017,<br>determination of Hexavalent Chromium by<br>Colorimetric Method using UV-Vis and/or with<br>reference to IEC 62321-5:2013, determination of<br>Chromium by ICP-OES. | 8    | 불검출 |

## Flame Retardants-PBBs/PBDEs

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

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**Flame Retardants-PBBs/PBDEs**

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

- 주) (1) 불검출 : 검출한계 미만  
 (2) \*= a. 총 크롬이 불검출이면 육가크롬(CrVI) 불검출.  
 b. 총 크롬이 8 mg/kg 이상이면, 육가크롬(CrVI) 확인 시험.

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접수된 시료의 사진 :



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