



시험성적서 번호 F690101/LF-CTSAYAA16-41474

발행일 : 2016. 07. 27      페이지 1 / 2

고객명 : 엔피씨(주)  
주소 : 경기도 안산시 단원구 해안로 289

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

SGS 파일 번호 : AYAA16-41474  
제품명 : 상향식 컵(CAP)  
아이템 번호 : N/A  
재질 : 고무 첫꼭지 이외의 고무재  
시료접수일 : 2016. 07. 18  
시험기간 : 2016. 07. 18 ~ 2016. 07. 27  
시험성적서의 용도 : 참고용  
시험항목 및 결과 : 자세한 결과는 다음 장을 참조하세요.

한국에스지에스㈜

장기홍 / 기술책임자

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F402 Version 2

SGS Korea Co., Ltd.

322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 14117  
t +82 (0)31 4608 000 f +82 (0)31 4608 050 <http://www.sgskorea.kr>

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시험성적서 번호 F690101/LF-CTSAYAA16-41474

발행일 : 2016. 07. 27

페이지 2 / 2

시료번호 : AYAA16-41474.001  
 제품명 : 상향식 컵(CAP)  
 아이템번호 : N/A  
 재질 : 고무 젓꼭지 이외의 고무제

시험항목 및 결과

| 시험항목     |            | 단위                            | 기준     | 결과              |
|----------|------------|-------------------------------|--------|-----------------|
| 잔류<br>규격 | 납(Pb)      | mg/kg                         | 100 이하 | 불검출 (검출한계 2)    |
|          | 카드뮴(Cd)    | mg/kg                         | 100 이하 | 불검출 (검출한계 2)    |
|          | 2-머캅토이미다졸린 | mg/kg                         | 불검출    | 불검출             |
| 용출<br>규격 | 납(Pb)      | mg/L                          | 1 이하   | 불검출 (검출한계 0.05) |
|          | 총용출량(꺾)    | mg/L                          | 60 이하  | 10.0 (검출한계 3)   |
|          | 페놀         | mg/L                          | 5 이하   | 불검출 (검출한계 0.02) |
|          | 포름알데히드     | mg/L                          | 4 이하   | 불검출 (검출한계 0.09) |
|          | 아연         | mg/L                          | 15 이하  | 불검출 (검출한계 0.02) |
| 시험방법     |            | 식품용 기구 및 용기.포장 공전에 대한 기준 및 규격 |        |                 |

주)

1. 불검출 : < 검출한계
2. 상기 기준은 고객의 요청에 의해, 식품용 기구 및 용기.포장 공전 상의 기준을 기입하였습니다.

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## 시험성적서 번호 F690101/LF-CTSAYAA16-41475

발행일: 2016. 07. 27 페이지: 1/ 2

고객명 : 엔피씨(주)

주소 : 경기도 안산시 단원구 해안로 289

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

|           |                                |
|-----------|--------------------------------|
| SGS 파일 번호 | : AYAA16-41475                 |
| 제품명       | : 상향식 컵(CUP)                   |
| 아이템 번호    | : N/A                          |
| 기준 및 규격   | : 폴리프로필렌                       |
| 시료 접수일    | : 2016. 07. 18                 |
| 시험기간      | : 2016. 07. 18 to 2016. 07. 27 |
| 시험성적서의용도  | : 참고용                          |
| 시험결과      | : 자세한 결과는 다음 장을 참조하세요.         |

한국에스지에스 (주)

장기홍 / 기술책임자

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# 시험성적서 번호 F690101/LF-CTSAYAA16-41475

발행일: 2016. 07. 27 페이지: 2 / 2

**시료번호** : AYAA16-41475.001  
**제품명** : 상향식 컵(CUP)  
**아이템번호** : N/A  
**재질** : 폴리프로필렌

## 공통제조기준

| 시험항목        | 단위                                    | 기준           | 결과  | 검출한계 |
|-------------|---------------------------------------|--------------|-----|------|
| 납 (Pb)      | mg/kg                                 | 100 이하(합계로서) | 불검출 | 2    |
| 카드뮴 (Cd)    | mg/kg                                 | 100 이하(합계로서) | 불검출 | 2    |
| 수은 (Hg)     | mg/kg                                 | 100 이하(합계로서) | 불검출 | 0.2  |
| 육가크롬(CrVI)  | mg/kg                                 | 100 이하(합계로서) | 불검출 | 0.4  |
| <b>시험방법</b> | <b>식품용 기구 및 용기, 포장 공전에 대한 기준 및 규격</b> |              |     |      |

## 용출규격

| 시험항목        | 단위                                    | 기준     | 결과   | 검출한계 |
|-------------|---------------------------------------|--------|------|------|
| 납(Pb)       | mg/L                                  | 1 이하   | 불검출  | 0.05 |
| 과망간산칼륨소비량   | mg/L                                  | 10 이하  | 불검출  | 0.5  |
| 총용출량(4% 초산) | mg/L                                  | 30 이하  | 3.00 | 3    |
| 총용출량(물)     | mg/L                                  | 30 이하  | 불검출  | 3    |
| 총용출량(n-헥산)  | mg/L                                  | 150 이하 | 18.0 | 3    |
| <b>시험방법</b> | <b>식품용 기구 및 용기, 포장 공전에 대한 기준 및 규격</b> |        |      |      |

- 주) 1. 불검출 : < 검출한계  
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## 시험성적서 번호 F690101/LF-CTSAYAA16-41476

발행일: 2016. 07. 27 페이지: 1/ 3

고객명 : 엔피씨(주)

주소 : 경기도 안산시 단원구 해안로 289

고객으로부터 제공받은 시료에 대한 정보는 다음과 같습니다.

|           |                                |
|-----------|--------------------------------|
| SGS 파일 번호 | : AYAA16-41476                 |
| 제품명       | : 상향식 컵(TENSION)               |
| 아이템 번호    | : N/A                          |
| 기준 및 규격   | : 폴리카보네이트                      |
| 시료접수일     | : 2016. 07. 18                 |
| 시험기간      | : 2016. 07. 18 to 2016. 07. 27 |
| 시험성적서의용도  | : 참고용                          |
| 시험결과      | : 자세한 결과는 다음 장을 참조하세요.         |

한국에스지에스 (주)

장기홍 / 기술책임자

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**시험성적서** 번호 F690101/LF-CTSAYAA16-41476

발행일: 2016. 07. 27 페이지: 2 / 3

**시료번호** : AYAA16-41476.001  
**제품명** : 상향식 컵(TENSION)  
**아이템번호** : N/A  
**재질** : 폴리카보네이트

**공통제조기준**

| 시험항목        | 단위                                   | 기준           | 결과  | 검출한계 |
|-------------|--------------------------------------|--------------|-----|------|
| 납 (Pb)      | mg/kg                                | 100 이하(합계로서) | 불검출 | 2    |
| 카드뮴 (Cd)    | mg/kg                                | 100 이하(합계로서) | 불검출 | 2    |
| 수은 (Hg)     | mg/kg                                | 100 이하(합계로서) | 불검출 | 0.2  |
| 육가크롬(CrVI)  | mg/kg                                | 100 이하(합계로서) | 불검출 | 0.4  |
| <b>시험방법</b> | <b>식품용 기구 및 용기,포장 공전에 대한 기준 및 규격</b> |              |     |      |

**잔류규격**

| 시험항목        | 단위                                   | 기준         | 결과  | 검출한계 |
|-------------|--------------------------------------|------------|-----|------|
| 트리에틸아민      | mg/kg                                | 1 이하(합계로서) | 불검출 | 0.3  |
| 트리부틸아민      | mg/kg                                | 1 이하(합계로서) | 불검출 | 0.4  |
| <b>시험방법</b> | <b>식품용 기구 및 용기,포장 공전에 대한 기준 및 규격</b> |            |     |      |

**용출규격**

| 시험항목                                       | 단위   | 기준                     | 결과   | 검출한계 |
|--|------|------------------------|------|------|
| 납(Pb)                                      | mg/L | 1 이하                   | 불검출  | 0.05 |
| 과망간산칼륨소비량                                  | mg/L | 10 이하                  | 1.00 | 0.5  |
| 총용출량(4% 초산)                                | mg/L | 30 이하                  | 3.00 | 3    |
| 총용출량(물)                                    | mg/L | 30 이하                  | 4.00 | 3    |
| 총용출량(n-헵탄)                                 | mg/L | 30 이하                  | 4.00 | 3    |
| 비스페놀 A (페놀,비스페놀A 및 p-터셔리부틸페놀의 합계로서) (n-헵탄) | mg/L | 2.5 이하(단,비스페놀A는 0.6이하) | 불검출  | 0.02 |
| 페놀 (n-헵탄)                                  | mg/L | 2.5 이하(단,비스페놀A는 0.6이하) | 불검출  | 0.02 |
| p-터셔리부틸페놀 (n-헵탄)                           | mg/L | 2.5 이하(단,비스페놀A는 0.6이하) | 불검출  | 0.02 |
| 비스페놀 A (페놀,비스페놀A 및 p-터셔리부틸페놀의 합계로서) (4%초산) | mg/L | 2.5 이하(단,비스페놀A는 0.6이하) | 불검출  | 0.02 |

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시 료 번 호 : AYAA16-41476.001  
 제 품 명 : 상향식 컵(TENSION)  
 아 이 템 번 호 : N/A  
 재 질 : 폴리카보네이트

**요율규격**

| 시 험 항 목                                     | 단 위                           | 기 준                          | 결 과 | 검출한계 |
|---|-------------------------------|------------------------------|-----|------|
| 페놀 (4%초산)                                   | mg/L                          | 2.5<br>이하(단,비스페놀A는<br>0.6이하) | 불검출 | 0.02 |
| p-터셔리부틸 페놀 (4%초산)                           | mg/L                          | 2.5<br>이하(단,비스페놀A는<br>0.6이하) | 불검출 | 0.02 |
| 비스페놀 A (페놀,비스페놀A 및<br>p-터셔리부틸 페놀의 합계로서) (물) | mg/L                          | 2.5<br>이하(단,비스페놀A는<br>0.6이하) | 불검출 | 0.02 |
| 페놀 (물)                                      | mg/L                          | 2.5<br>이하(단,비스페놀A는<br>0.6이하) | 불검출 | 0.02 |
| p-터셔리부틸 페놀 (물)                              | mg/L                          | 2.5<br>이하(단,비스페놀A는<br>0.6이하) | 불검출 | 0.02 |
| 디페닐카보네이트 (물)                                | mg/L                          | 0.05 이하                      | 불검출 | 0.02 |
| 디페닐카보네이트 (4%초산)                             | mg/L                          | 0.05 이하                      | 불검출 | 0.04 |
| 디페닐카보네이트 (n-헥탄)                             | mg/L                          | 0.05 이하                      | 불검출 | 0.03 |
| 시 험 방 법                                     | 식품용 기구 및 용기,포장 공전에 대한 기준 및 규격 |                              |     |      |

- 주) 1. 불검출 : < 검출한계  
 2. 상기 기준은 고객의 요청에 의해, 식품용 기구 및 용기, 포장 공전 상의 기준을 기입하였습니다.

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