



TEST REPORT

(시험성적서)

신청기관 (인) : (주)대경화학
Applicant : DAEKYOUNG CHEMICAL CO., LTD.

주소 (한글) : 경기도 포천시 가산면 포천로 912번길 89
Address (Engl.) : 912-89, Pocheon-ro, Gasan-myeon,
Pochun-si, Kyounggi-do, Korea

발행면수 (Page) : 1 of 4
발행일자 (Date) : 2013. 07. 22.

시험성적서 번호 (Report No.) : RT13R-S3302-K

시료 명세 : 시료에 대한 상세한 정보는 아래와 같음
(Sample Description) (The following submitted sample(s) said to be)

제품명/형식 : 합성수지(E.V.A)
(Name/type of Product) (합성수지(E.V.A))

시료고유번호 : RT13R-S3302
(Sample ID No.) (RT13R-S3302)

품번 : DES-40
(Item No.) (DES-40)

제품 생산자/공급자 : (주)대경화학
(Manufacturer/Vender) (DAEKYOUNG CHEMICAL CO., LTD.)

제출처 : 청산산업
(Name of Buyer) (청산산업)

시료접수일자 : 2013. 07. 17.
(Sample received) (Jul. 17, 2013)

시험일자 : 2013. 07. 17. ~ 2013. 07. 22.
(Testing Date) (Jul. 17, 2013 ~ Jul. 22, 2013)

시험방법 : 이 시험성적서의 다음 페이지 첨부
(Test Method) (Please see the following page)

시험결과 : 이 시험성적서의 다음 페이지 첨부
(Test Result) (Please see the following page)

- 비고 (Notes) : 1. 이 시험성적서는 제시된 시료 및 시료명으로 시험한 결과로서 유사 대상시료에 적용할 수 없음.
(The test results presented in this report relate only to the object tested.)
2. 이 시험성적서는 승인없이 복사 사용을 금함.
(This report shall not be reproduced except in full without the written approval of the testing laboratory.)
3. 이 시험성적서의 품번은 고객의 요청 및 보증서에 의거하여 명기함.
(The item no. is assigned by client and indicated according to their requirement and guarantee letter.)

승인자 (Approved by)

권한자 (Authorized by)

장준용/기술책임자 (Jade Jang / Lab. Technical Manager)

박병욱/소장 (Bo Park / Lab. General Manager)

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시험성적서 번호 (Report No.) : RT13R-S3302-K

시료고유번호 (Sample ID No.) : RT13R-S3302

시료명 (Sample Description) : 합성수지(E.V.A)
 (합성수지(E.V.A))

시험항목 (Test Item)	단위 (Unit)	분석방법 (Test Method)	검출한계 (MDL)	시험결과 (Result)
카드뮴 (Cadmium, Cd)	mg/kg	With reference to US EPA 3052, by acid digestion and determined by ICP-OES	0.5	N.D.
납 (Lead, Pb)	mg/kg		5	N.D.
수은 (Mercury, Hg)	mg/kg		2	N.D.
6가 크롬 (Hexavalent Chromium, Cr ⁶⁺)	mg/kg	With reference to US EPA 3060A and determined by UV-VIS Spectrophotometer	1	N.D.
폴리브로뮴화비페닐 (Polybrominated Biphenyls, PBBs)				
모노브로모비페닐 (MonoBB)	mg/kg	With reference to US EPA 3540C, by solvent extraction and determined by GC/MS	5	N.D.
다이브로모비페닐 (DiBB)	mg/kg		5	N.D.
트라이브로모비페닐 (TriBB)	mg/kg		5	N.D.
테트라브로모비페닐 (TertaBB)	mg/kg		5	N.D.
펜타브로모비페닐 (PentaBB)	mg/kg		5	N.D.
헥사브로모비페닐 (HexaBB)	mg/kg		5	N.D.
헵타브로모비페닐 (HeptaBB)	mg/kg		5	N.D.
옥타브로모비페닐 (OctaBB)	mg/kg		5	N.D.
노나브로모비페닐 (NonaBB)	mg/kg		5	N.D.
데카브로모비페닐 (DecaBB)	mg/kg		5	N.D.
폴리브로뮴화디페닐에테르 (Polybrominated Diphenyl Ethers, PBDEs)				
모노브로모디페닐에테르 (MonoBDE)	mg/kg	With reference to US EPA 3540C, by solvent extraction and determined by GC/MS	5	N.D.
다이브로모디페닐에테르 (DiBDE)	mg/kg		5	N.D.
트라이브로모디페닐에테르 (TriBDE)	mg/kg		5	N.D.
테트라브로모디페닐에테르 (TetraBDE)	mg/kg		5	N.D.
펜타브로모디페닐에테르 (PentaBDE)	mg/kg		5	N.D.
헥사브로모디페닐에테르 (HexaBDE)	mg/kg		5	N.D.
헵타브로모디페닐에테르 (HeptaBDE)	mg/kg		5	N.D.
옥타브로모디페닐에테르 (OctaBDE)	mg/kg		5	N.D.
노나브로모디페닐에테르 (NonaBDE)	mg/kg		5	N.D.
데카브로모디페닐에테르 (DecaBDE)	mg/kg		5	N.D.

Tested by : Seonae Kim, Jean Kim, Misun Lee

Notes : mg/kg = ppm = parts per million (함량 표시 : 백만분의 일)
 <= Less than (결과 값 이하)
 N.D. = Not detected (< MDL, 미검출 - 검출한계 이하)
 MDL = Method detection limit (검출한계)

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(시험 성적서)

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발행일자 (Date) : 2013. 07. 22.

시험성적서 번호 (Report No.) : RT13R-S3302-K

시료고유번호 (Sample ID No.) : RT13R-S3302

시료명 (Sample Description) : 합성수지(E.V.A)
(합성수지(E.V.A))* 시료 접수 시 시료 상태 :
(View of sample as received)

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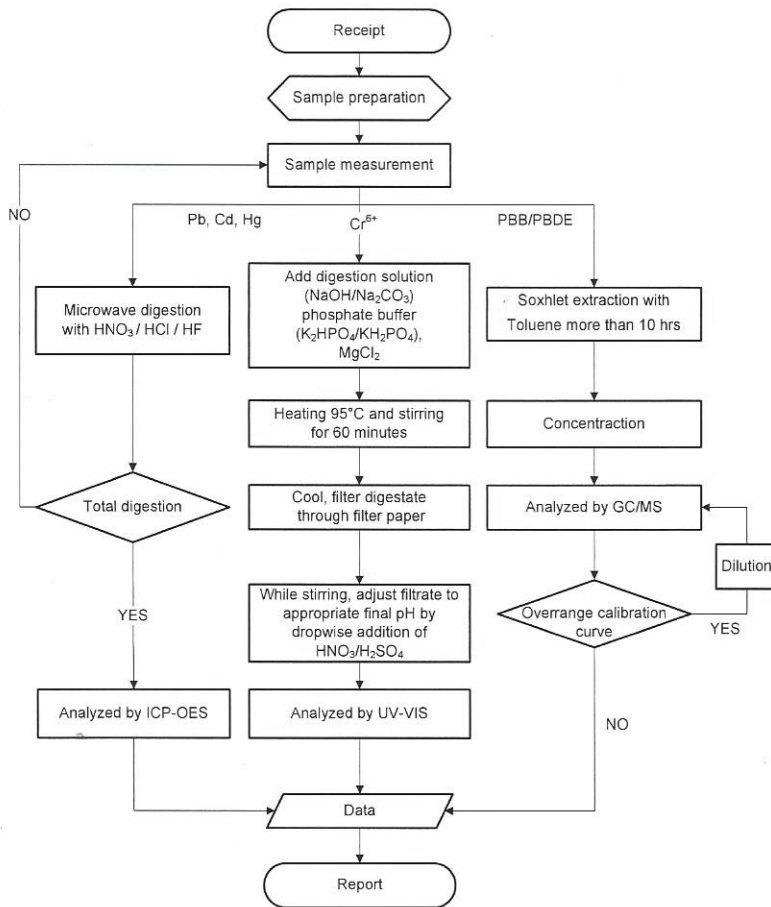
발행일자 (Date) : 2013. 07. 22.

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시료고유번호 (Sample ID No.) : RT13R-S3302

시료명 (Sample Description) : 합성수지(E.V.A)
(합성수지(E.V.A))

Flow Chart (EPA 3052 for Cd, Pb, Hg / EPA 3060A for Cr⁶⁺ / EPA 3540C for PBB/PBDE)



** 비고 : 이 샘플은 위의 흐름도에 따른 전처리 방법에 의해 완전용해 되었음.
(The samples were dissolved totally by pre-conditioning method according to above flow chart.)

***** End of Report *****

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