

(시 헌 성 정 서)

신청기관 (인)

: 레이코플러스

Applicant

: RAYKO PLUS Co., Ltd.

주소 (한글)

: 경기도 안산시 단원구 범지기로 109

Address (Engl.)

: 109, Beomjigi-ro, Danwon-gu,

Ansan-si, Gyeonggi-do, Korea

발행면수 (Page): 1 of 5 발행일자 (Date): 2016. 12. 26.

시료 명세

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

(Sample Description)

제품명/형식

(Name/Type of Product) (SURDENT)

시험성적서 번호 (Report No.): RT16R-S5958-K

(Name of Material)

시료고유번호 (Sample ID No.)

: RT16R-S5958

(RT16R-S5958)

제품 생산자/공급자 : 레이코플러스 (Manufacturer/Vendor) (RAYKO PLUS Co., Ltd.)

시료접수일자 (Sample received) : 2016. 12. 21

(Dec. 21, 2016)

시험일자

: 2016. 12. 21. ~ 2016. 12. 26. (Dec. 21, 2016 ~ Dec. 26, 2016)

(Testing Date)

: RoHS 화학분석

시험유형 (Test Type)

(RoHS wet chemical analysis)

시험방법 (Test Method)

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

시험결과 (Test Result)

: 이 시험성적서의 다음 페이지 첨부 (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.

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승인자 (Approved by)

권한자 (Authorized by)

장준용/기술책임자

(Jade Jang / Lab. Technical Manager)

2686

Authenticity check

박병옥/소장

(Bo Park / Lab. General Manager)

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(시 험 성 적 서)

발행면수 (Page): 2 of 5 발행일자 (Date): 2016. 12. 26.

시험성적서 번호 (Report No.): RT16R-S5958-K

시료고유번호 (Sample ID No.) : RT16R-S5958 시료명 (Sample Description) : SURDENT

(SURDENT)

CONDENT				
시험항목	단위	분석방법	검출한계	시험결과
(Test Item)	(Unit)	(Test Method)	(MDL)	(Result)
카드뮴 (Cadmium, Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	0.5	N.D.
납 (Lead, Pb)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	5	N.D.
수은 (Mercury, Hg)	mg/kg	With reference to IEC 62321-4 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	2	N.D.
6가 크롬 (Hexavalent Chromium, Cr ⁶⁺) (For non-metal)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, by alkaline digestion and determined by UV-VIS Spectrophotometer	1	N.D.

Tested by: Jean Kim, Hyojoo Kim

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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(시 험 성 적 서)

발행면수 (Page): 3 of 5

발행일자 (Date): 2016. 12. 26.

시험성적서 번호 (Report No.): RT16R-S5958-K

시료고유번호 (Sample ID No.): RT16R-S5958 시료명 (Sample Description) : SURDENT

(SURDENT)

GURDENI)				
시험항목	단위	분석방법	검출한계	시험결과
(Test Item)	(Unit)	(Test Method)	(MDL)	(Result)
폴리브롬화비페닐 (Polybrominated Bipheny	/ls, PBBs)			
모노브로모비페닐 (MonoBB)	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, 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.
폴리브롬화디페닐에테르 (Polybrominated	Diphenyl Ethe	rs, PBDEs)		
모노브로모디페닐에테르 (MonoBDE)	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, 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.
핵사브로모디페닐에테르 (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 : Sujung 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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(시 험 성 적 서)

발행면수 (Page): 4 of 5

발행일자 (Date): 2016. 12. 26.

시험성적서 번호 (Report No.): RT16R-S5958-K

시료고유번호 (Sample ID No.): RT16R-S5958 시료명 (Sample Description) : SURDENT

(SURDENT)

* 시료 접수 시 시료 상태: (View of sample as received)



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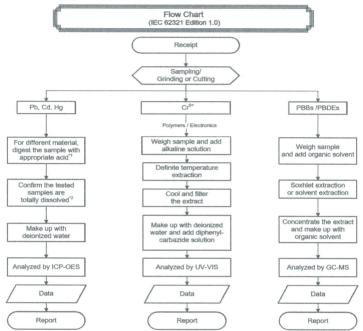
발행면수 (Page): 5 of 5

발행일자 (Date): 2016. 12. 26.

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(SURDENT)



Remarks :

*1 : List of appropriate acid :

Material	Acid added for digestion			
Polymers	HNO3, HCI, HF, H2O2, H3BO3			
Metals HNO ₃ , HCl, HF				
Electronics	HNO ₃ , HCl, H ₂ O ₂ , HBF ₄			

^{*2:} The samples were dissolved totally by pre-conditioning method according to above flow chart.

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

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