



TEST REPORT

(시험성적서)

신청기관 (인) : 한국 다이요 잉크
Applicant : TAIYO INK MFG. CO., (KOREA) LTD.

주소 (한글) : 경기도 안산시 단원구 신길동 1058-8
Address (Engl.) : 1058-8, Singil-dong, Danwon-gu,
Ansan-city, Gyeonggi-do, Korea

발행면수 (Page) : 1 of 5
발행일자 (Date) : 2013. 01. 14.

시험성적서 번호 (Report No.) : RT13R-S0121-002-K1

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

제품명/형식 : S-200 Y5GS WITH HD-3
(Name/Type of Product) (S-200 Y5GS WITH HD-3)

시료고유번호 : RT13R-S0121-002
(Sample ID No.) (RT13R-S0121-002)

제품 생산자/공급자 : 한국 다이요 잉크
(Manufacturer/Vender) (TAIYO INK MFG. CO., (KOREA) LTD.)

제출처 : 제품사용고객
(Name of Buyer) (제품사용고객)

시료접수일자 : 2013. 01. 09.
(Sample received) (Jan. 09, 2013)

시험일자 : 2013. 01. 09. ~ 2013. 01. 14.
(Testing Date) (Jan. 09, 2013 ~ Jan. 14, 2013)

시험유형 : RoHS 화학분석
(Test Type) (RoHS wet chemical analysis)

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.
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승인자 (Approved by)

권한자 (Authorized by)

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

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

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(시험 성적서)

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발행일자 (Date) : 2013. 01. 14.

시험성적서 번호 (Report No.) : RT13R-S0121-002-K1

시료고유번호 (Sample ID No.) : RT13R-S0121-002

시료명 (Sample Description) : S-200 Y5GS WITH HD-3
(S-200 Y5GS WITH HD-3)

시험항목 (Test Item)	단위 (Unit)	분석방법 (Test Method)	검출한계 (MDL)	시험결과 (Result)
카드뮴 (Cadmium, Cd)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, by acid digestion and determined by ICP-OES	0.5	N.D.
납 (Lead, Pb)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, by acid digestion and determined by ICP-OES	2	N.D.
수은 (Mercury, Hg)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, 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 : Nikkie Lee, Leo 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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시험성적서 번호 (Report No.) : RT13R-S0121-002-K1

시료 고유번호 (Sample ID No.) : RT13R-S0121-002

시료명 (Sample Description) : S-200 Y5GS WITH HD-3
(S-200 Y5GS WITH HD-3)

시험항목 (Test Item)	단위 (Unit)	분석방법 (Test Method)	검출한계 (MDL)	시험결과 (Result)
폴리브로민화비페닐 (Polybrominated Biphenyls, PBBs)				
모노브로모비페닐 (MonoBB)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, 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.
폴리브로민화디페닐에테르 (Polybrominated Diphenyl Ethers, PBDEs)				
모노브로모디페닐에테르 (MonoBDE)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, 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 : Ellen Jung, Jessica Kang

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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시료고유번호 (Sample ID No.) : RT13R-S0121-002

시료명 (Sample Description) : S-200 Y5GS WITH HD-3
(S-200 Y5GS WITH HD-3)

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



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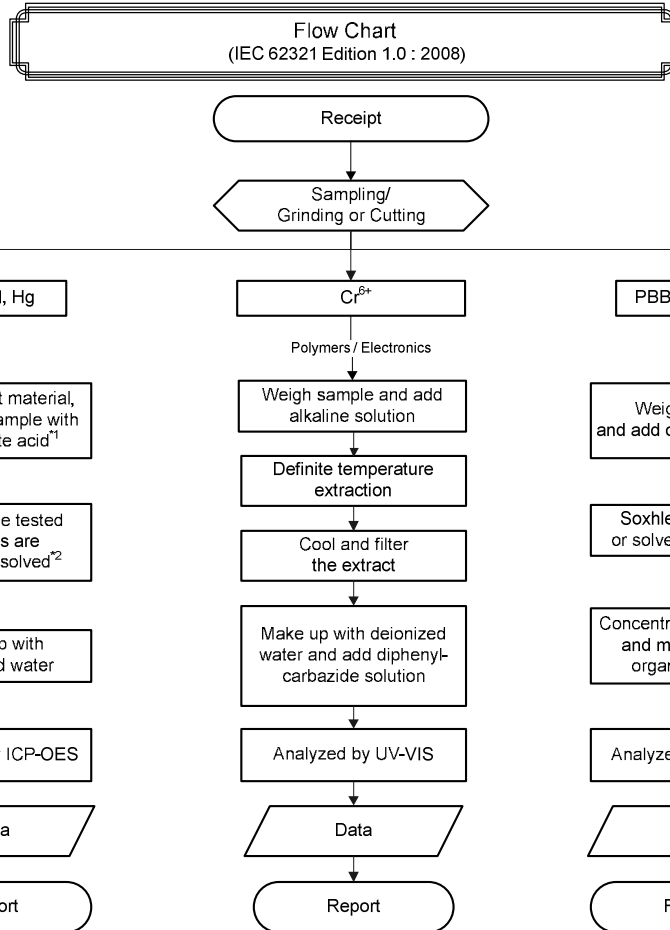
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시료명 (Sample Description) : S-200 Y5GS WITH HD-3
(S-200 Y5GS WITH HD-3)



Remarks :

*1 : List of appropriate acid :

Material	Acid added for digestion
Polymers	HNO ₃ , HCl, HF, H ₂ O ₂ , H ₃ BO ₃
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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