

## TEST REPORT (시험 성적서)

신청기관 (인) : 한국 다이요 잉크  
APPLICANT : TAIYO INK MFG. CO., (KOREA) LTD.  
주소 (한글) : 경기도 안산시 단원구 만해로 166  
ADDRESS (ENGL.) : 166, Manhae-ro, Danwon-gu,  
Ansan-si, Gyeonggi-do, Korea

발행면수 (PAGE) : 1 of 4  
발행일자 (DATE) : 2021. 07. 29.

시험성적서 번호 (REPORT NO.) : RT21R-S4773-007-K1

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

제품명/형식 : IJR-4000 CW100  
(NAME/TYPE OF PRODUCT) (IJR-4000 CW100)

재질 : Ink  
(NAME OF MATERIAL) (Ink)

시료고유번호 : RT21R-S4773-007  
(SAMPLE ID NO.) (RT21R-S4773-007)

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

시료접수일자 : 2021. 07. 23.  
(SAMPLE RECEIVED) (Jul. 23, 2021)

시험일자 : 2021. 07. 23. ~ 2021. 07. 29.  
(TESTING DATE) (Jul. 23, 2021 ~ Jul. 29, 2021)

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 refer only to the object tested.)  
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승인자 (Approved by)



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

권한자 (Authorized by)



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



Authenticity check

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## TEST REPORT (시험 성적서)

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시험성적서 번호 (REPORT NO.) : RT21R-S4773-007-K1

시료고유번호 (SAMPLE ID NO.) : RT21R-S4773-007

시료명 (SAMPLE DESCRIPTION) : IJR-4000 CW100  
(IJR-4000 CW100)

시험항목 (TEST ITEM)	단위 (UNIT)	분석방법 (TEST METHOD)	검출한계 (MDL)	시험결과 (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		5	N.D.
수은 (Mercury, Hg)	mg/kg	With reference to IEC 62321-4 : 2013/AMD1 : 2017, by acid digestion and determined by ICP-OES	2	N.D.
6가 크롬 (Hexavalent Chromium, Cr <sup>6+</sup> )	mg/kg	With reference to IEC 62321-7-2 Edition 1.0 : 2017, by alkaline/toluene digestion and determined by UV-VIS Spectrophotometer	8	N.D.
폴리브로화비페닐 (Polybrominated Biphenyls, 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.
폴리브로화디페닐에테르 (Polybrominated Diphenyl Ethers, 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.
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 : Jooyeon Lee, Chano Kim, Hayan Park

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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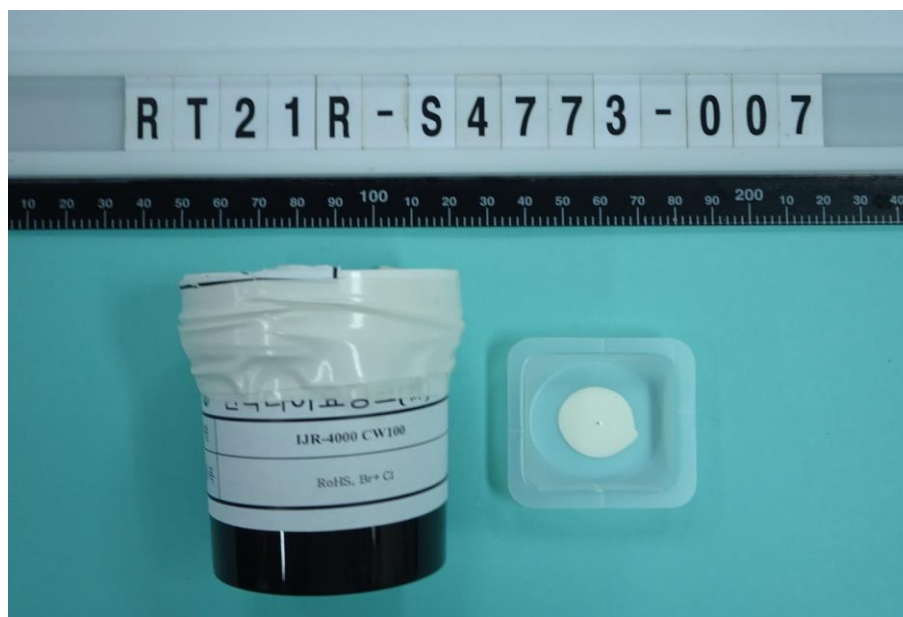
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시료고유번호 (SAMPLE ID NO.) : RT21R-S4773-007

시료명 (SAMPLE DESCRIPTION) : IJR-4000 CW100  
(IJR-4000 CW100)

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



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# TEST REPORT

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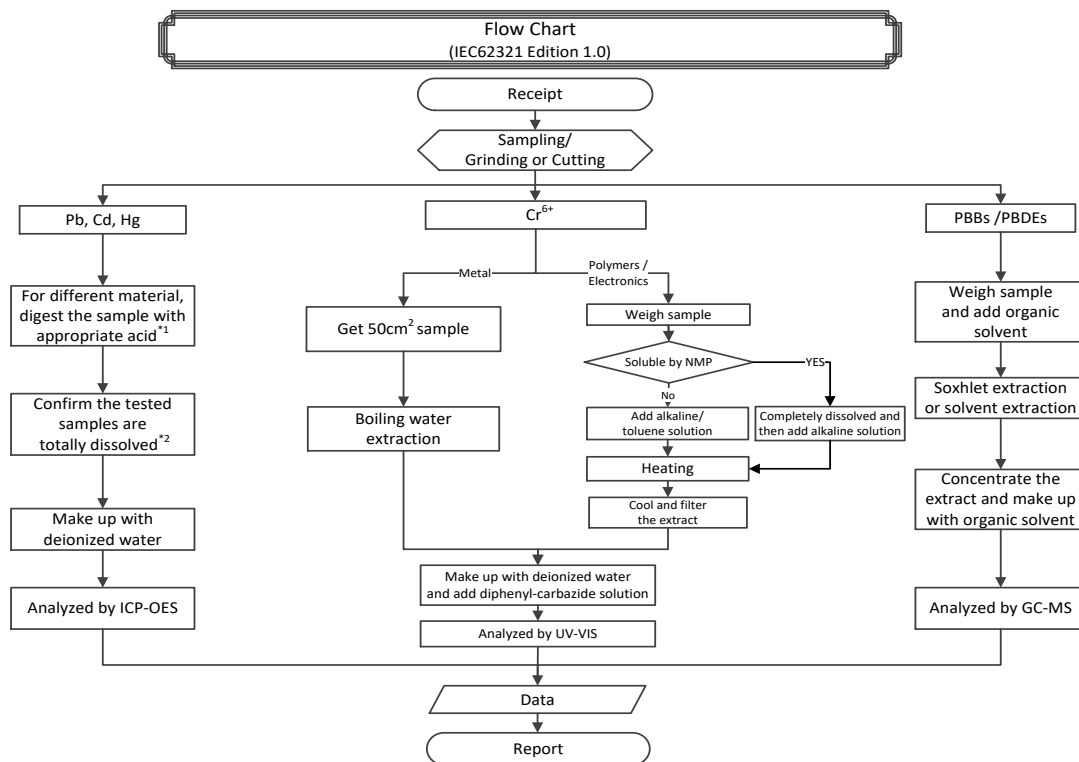
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시료고유번호 (SAMPLE ID NO.) : RT21R-S4773-007

시료명 (SAMPLE DESCRIPTION) : IJR-4000 CW100  
(IJR-4000 CW100)



**Remarks :**

\*1 : List of appropriate acid :

Material	Acid added for digestion
Polymers	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
Metals	HNO <sub>3</sub> , HCl, HF
Electronics	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

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

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

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