

TEST REPORT

KOTITI No. | 8217-1401-100177-16

수신 (Applicant) | 서일화학 (SURIL CHEMICAL CO.)

접수일 (Date In) | 2017. 02. 21.

발행일 (Date Out) | 2017. 03. 03.

시료명 (Sample Description)	PVC 백색
시료수 (Sample Quantity)	One (1) Sample(s)
구매자 (Buyer)	제시하지 않음 (N/S)
품번 (Item Number)	제시하지 않음 (N/S)
재질 (Material)	제시하지 않음 (N/S)
분석기간 (Testing Period)	2017. 02. 21. ~ 2017. 03. 03.
분석결과 (Test Result)	자세한 사항은 다음 페이지를 참고하십시오. For further details, please refer to the following page(s).

* N/S : Not Submitted, N.A. : Not Applicable, N.D. : Not Detected [< RL(Report Limit)]

* Negative : Not Detected, Positive : Detected

KOTITI Testing &
Research Institute



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- The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products.
- Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the KOTITI Testing & Research Institute.



측정 시료 목록 (Tested Sample List)			
시료번호 (Sample No.)	시 료 명 (Sample Description)	품 번 (Item No.)	재 질 (Material)
1	PVC 백색	제시하지 않음 (N/S)	제시하지 않음 (N/S)

RoHS, Unit: mg/kg
(EU Directive 2011/65/EU)

시험항목 (Test Conducted)	분석방법 (Test Method)	검출한계 (RL)	분석결과 (Test Results)
1			
Lead (Pb)	IEC 62321-5:2013 산분해 후 ICP-OES 측정	5	검출안됨 (N.D.)
Mercury(Hg)		2	검출안됨 (N.D.)
Cadmium(Cd)	IEC 62321-4:2013 산분해 후 ICP-OES 측정	2	검출안됨 (N.D.)
Hexavalent Chromium(Cr ⁶⁺)	IEC 62321:2008 (Annex C) 알칼리 분해 후 UV-VIS 분광계 측정	1	검출안됨 (N.D.)
* Polybrominated Biphenyls(PBBs)			
Bromobiphenyl	IEC 62321-6:2015 용매 추출 후 GC-MS 측정	5	검출안됨 (N.D.)
Dibromobiphenyl		5	검출안됨 (N.D.)
Tribromobiphenyl		5	검출안됨 (N.D.)
Tetrabromobiphenyl		5	검출안됨 (N.D.)
Pentabromobiphenyl		5	검출안됨 (N.D.)
Hexabromobiphenyl		5	검출안됨 (N.D.)
Heptabromobiphenyl		5	검출안됨 (N.D.)
Octabromobiphenyl		5	검출안됨 (N.D.)
Nonabromobiphenyl		5	검출안됨 (N.D.)
Decabromobiphenyl		5	검출안됨 (N.D.)
Sum of PBBs		-	검출안됨 (N.D.)
* Polybrominated Diphenyl Ethers(PBDEs)			
Bromodiphenyl ethers	IEC 62321-6:2015 용매 추출 후 GC-MS 측정	5	검출안됨 (N.D.)
Dibromodiphenyl ethers		5	검출안됨 (N.D.)
Tribromodiphenyl ethers		5	검출안됨 (N.D.)
Tetrabromodiphenyl ethers		5	검출안됨 (N.D.)
Pentabromodiphenyl ethers		5	검출안됨 (N.D.)
Hexabromodiphenyl ethers		5	검출안됨 (N.D.)
Heptabromodiphenyl ethers		5	검출안됨 (N.D.)
Octabromodiphenyl ethers		5	검출안됨 (N.D.)
Nonabromodiphenyl ethers		5	검출안됨 (N.D.)
Decabromodiphenyl ether		5	검출안됨 (N.D.)
Sum of PBDEs		-	검출안됨 (N.D.)

Phthalates, Unit: mg/kg

시험항목 (Test Conducted)	분석방법 (Test Method)	검출한계 (RL)	분석결과 (Test Results)
1			
butyl benzyl phthalate (BBP)	Reference to IEC 62321-8 111/321/CD GC-MS 측정	50	검출안됨 (N.D.)
di-n-butyl phthalate (DBP)		50	검출안됨 (N.D.)
di(ethylhexyl) phthalate (DEHP)		50	검출안됨 (N.D.)
diisobutyl phthalate (DIBP)		50	검출안됨 (N.D.)

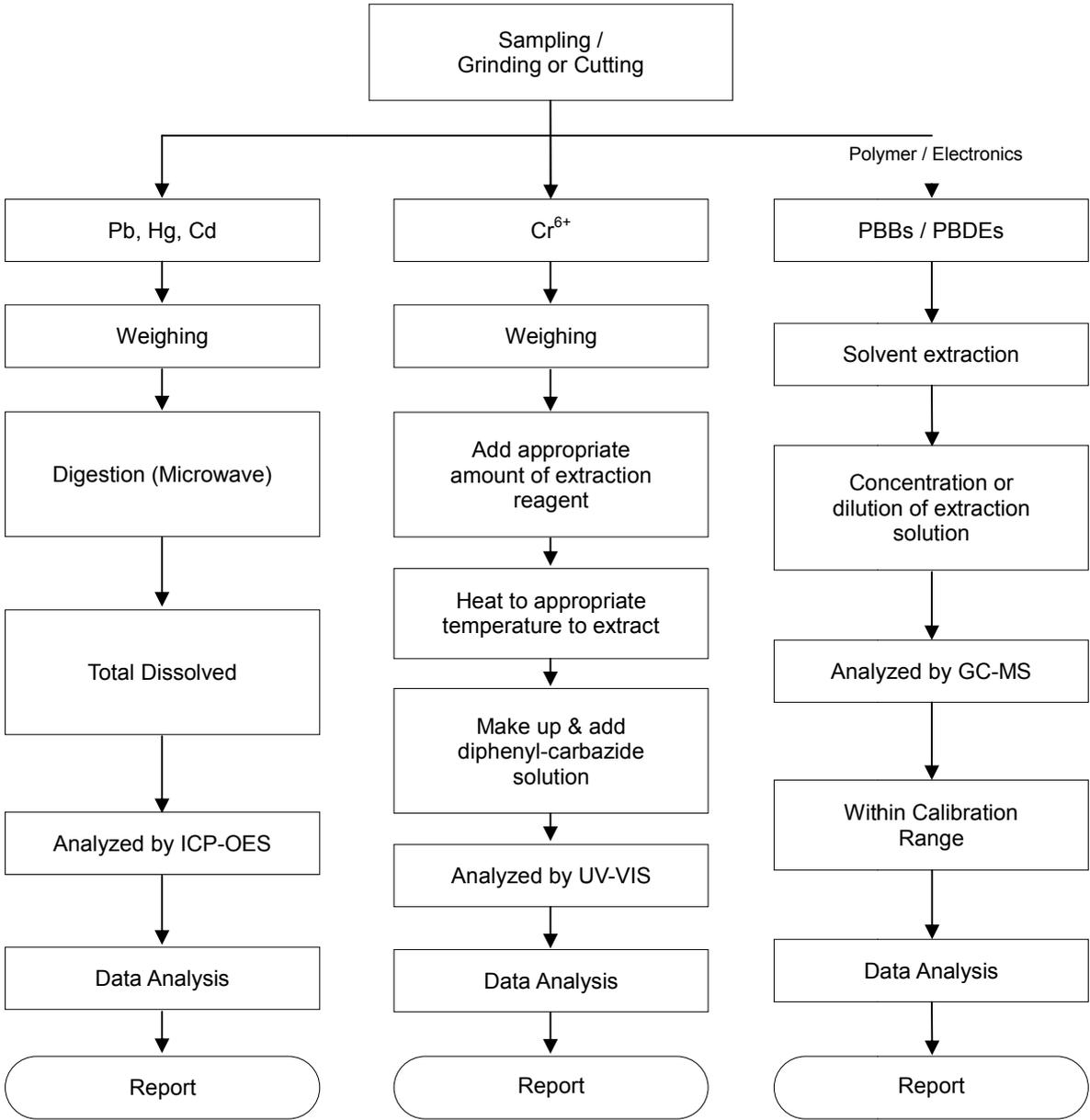
시료사진 / Photo of the submitted sample(s)

시료번호 1
(Sample No.)



Flow Chart

RoHS



Material	Digestion Acid
Polymers	HNO ₃ , HCl, HF, H ₂ O ₂ , H ₂ SO ₄ , etc.
Metals	HNO ₃ , HCl
Electronics	HNO ₃ , HCl, HF, H ₂ O ₂ , H ₂ SO ₄ , etc.

Flow Chart

Phthalates

