

## 環境關理 物質 不使用 證明書

會社名 : 히로세코리아(주)

部 署 : 품질보증팀

責任者 : 차 재환 차장



貴社에 販賣하는 製品 및 製品의 使用材料, 包裝材, 製造工程에  
 含有되는 添加劑 等に 對하여 貴社가 要求하는 管理水準  
 (使用禁止對象)의 物質을 使用하고 있지 않음을 證明합니다.  
 當社의 製品 및 製品의 使用材料, 包裝材, 製造工程에 含有되는  
 添加劑 等に 對하여 以下の 成分으로 構成되어 있음을 報告 합니다.

### (1) 製品 使用素材

NO	제품명	부품명	원자재명	원자재 MAKER	ICP	MSDS	비 고
1	KN30-4S-1.25C(500)	HOUSING	PA66 A50 H1(NA)	RHODIA			

(2) 測定可能物質의 ICP Data는 別紙 參照 要望

(3) 測定可能物質의 成分 分析 Data는 別紙 參照 要望

以上



**Test Report No.** F690101/LF-CTSAYAA12-00249

Issued Date: 2012. 01. 09 Page 1 of 5

To: RHODIA KOREA CO., LTD.  
4F Poonglim B/D  
823, Yeoksam-dong  
Kangnam-gu  
Seoul  
Korea

The following merchandise was submitted and identified by the client as :

**SGS File No.** : AYAA12-00249  
**Product Name** : A 50H1 NAT  
**Item No./Part No.** : N/A  
**Received Date** : 2012. 01. 04  
**Test Period** : 2012. 01. 05 to 2012. 01. 09  
**Test Results** : For further details, please refer to following page(s)  
**Test Performed** : SGS Korea tested the sample(s) selected by applicant with following results.

SGS Korea Co. Ltd.

Jeff Jang / Chemical Lab Mgr

Timothy Jeon  
Jinhee Kim  
Cindy Park  
Jerry Jung/ Testing Person

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SGS Korea Co.,Ltd.

322, The O valley, 555-9 Hoggae-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 431-000  
t +82 (0)31 4609 000 f +82 (0)31 4609 059 <http://www.sgslab.co.kr> [www.kr.sgs.com/greenlab](http://www.kr.sgs.com/greenlab)

**Test Report No. F690101/LF-CTSAYAA12-00249**

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Sample No. : AYAA12-00249.001  
Sample Description : A 50H1 NAT  
Item No./Part No. : N/A  
Materials : Plastic

**Heavy Metals**

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321:2008, ICP	0.5	N.D.
Lead (Pb)	mg/kg	With reference to IEC 62321:2008, ICP	5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321:2008, ICP	2	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	With reference to IEC 62321:2008, UV-VIS	1	N.D.

**Halogen Contents**

Test Items	Unit	Test Method	MDL	Results
Bromine(Br)	mg/kg	BS EN 14582:2007 , IC	30	N.D.
Chlorine(Cl)	mg/kg	BS EN 14582:2007 , IC	30	N.D.

NOTE: (1) N.D. = Not detected. (<MDL)

(2) mg/kg = ppm

(3) MDL = Method Detection Limit

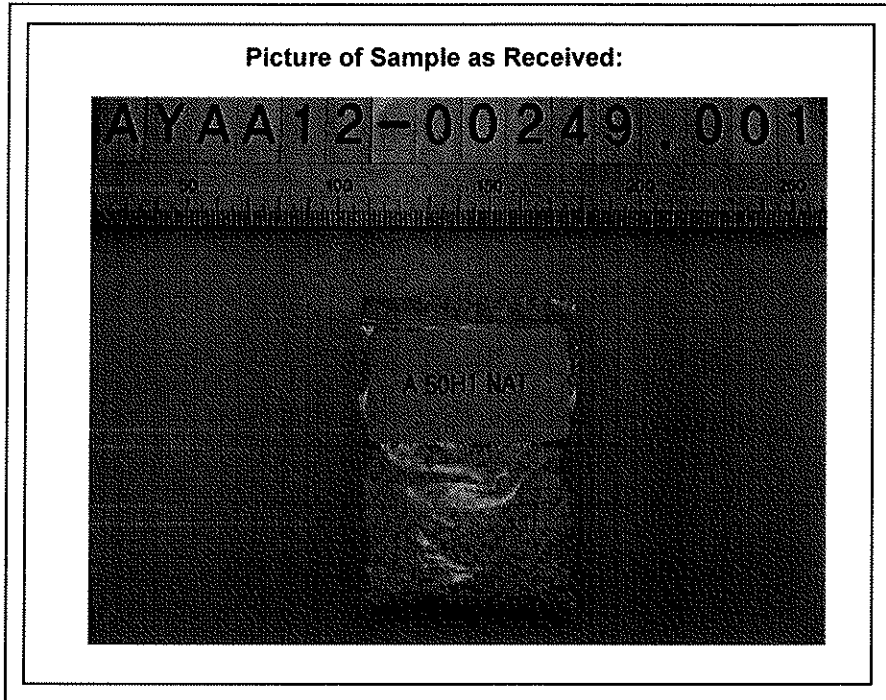
(4) - = No regulation

(5) \* = Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.

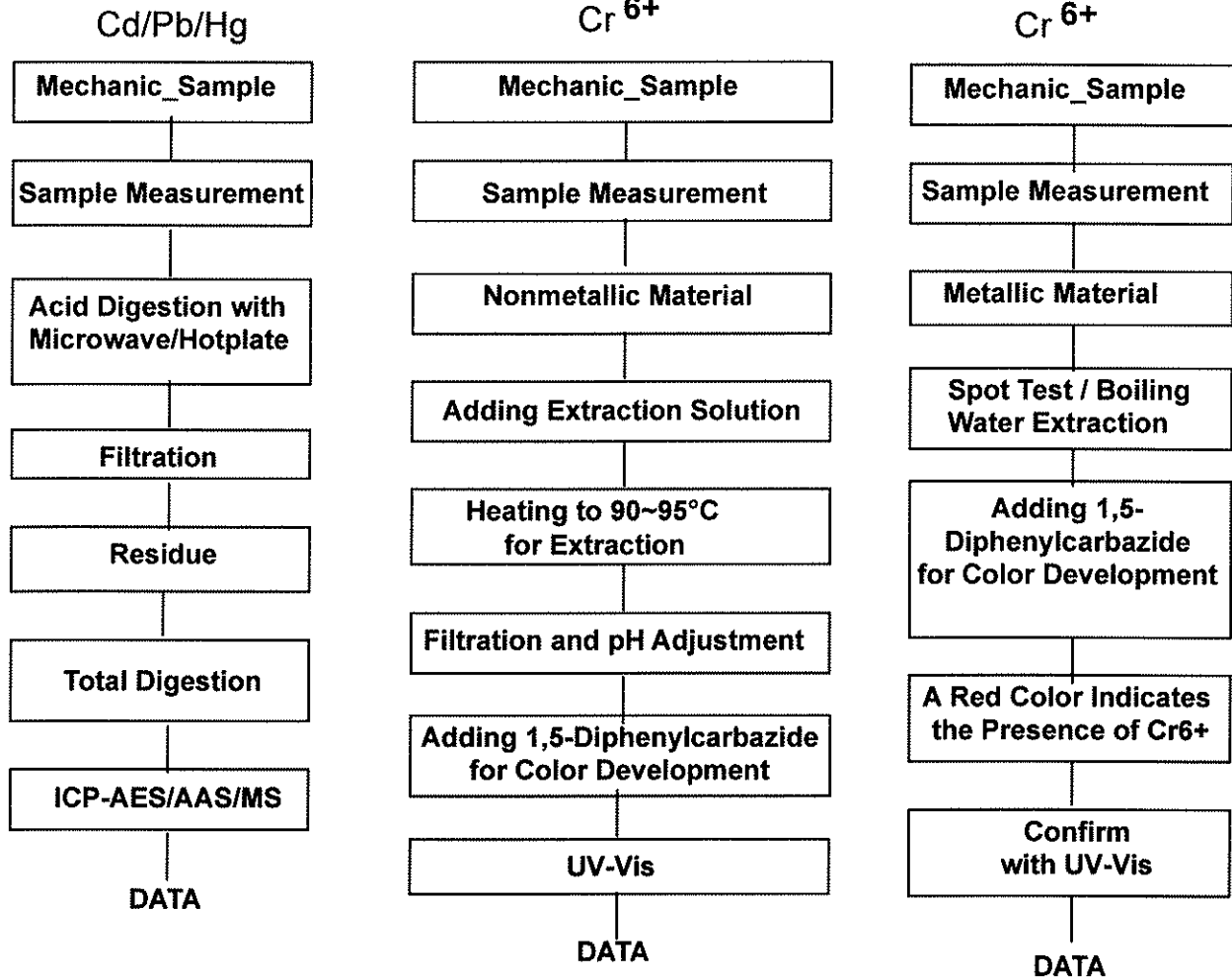
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- NOTE:**
- (1) N.D. = Not detected.(<MDL)
  - (2) mg/kg = ppm
  - (3) MDL = Method Detection Limit
  - (4) - = No regulation
  - (5) \* = Boiling-water-extraction:  
 Negative = Absence of CrVI coating  
 Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.

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Testing Flow Chart for RoHS: Cd/Pb/Hg/Cr<sup>6+</sup> Testing

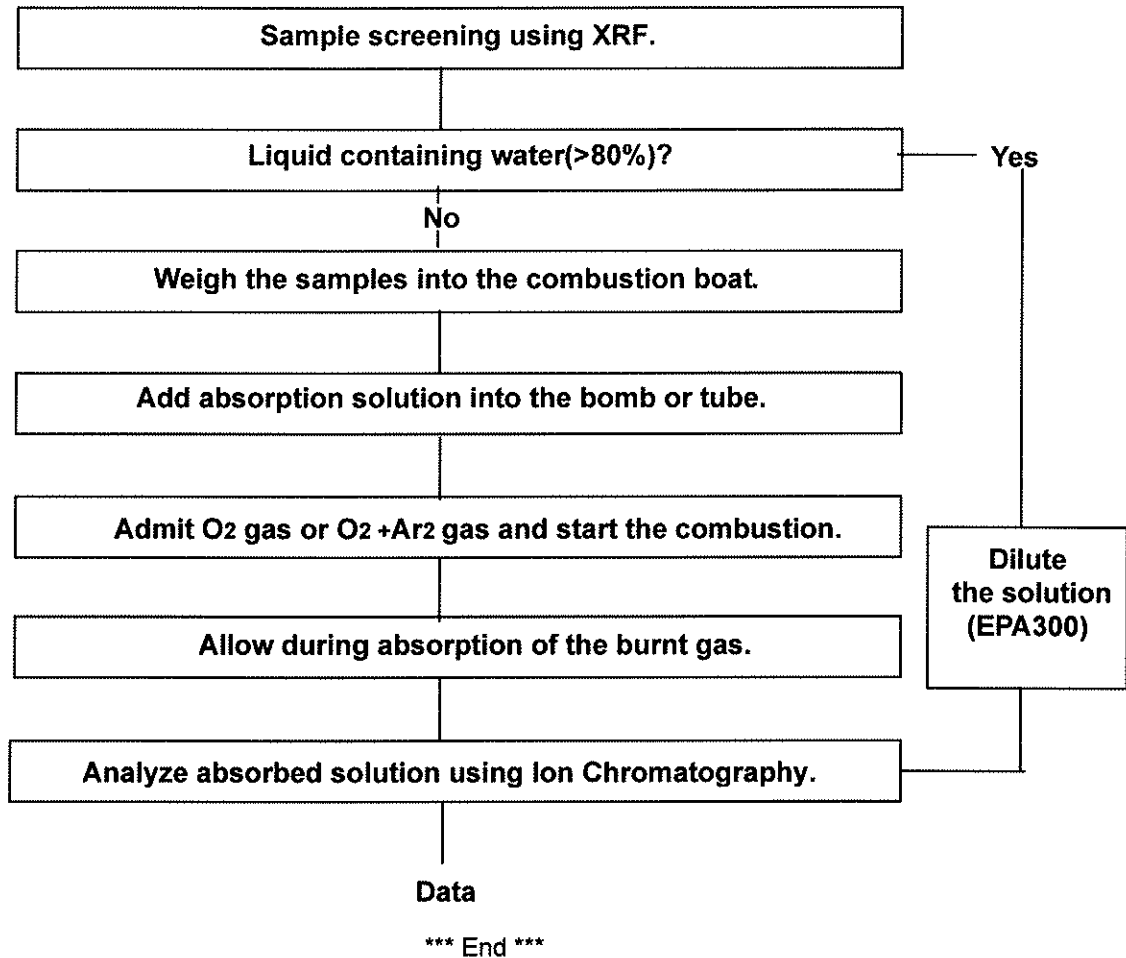


The samples were dissolved totally by pre-conditioning method according to above flow chart for Cd,Pb,Hg.  
Section Chief : Gilsae Yi

- NOTE: (1) N.D. = Not detected.(<MDL)  
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### Flow Chart for Halogen Test



NOTE: (1) N.D. = Not detected.(<MDL)  
 (2) mg/kg = ppm  
 (3) MDL = Method Detection Limit  
 (4) - = No regulation  
 (5) \* = Boiling-water-extraction:  
 Negative = Absence of CrVI coating  
 Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.

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# (SAFETY DATA SHEET)

TECHNYL A 50H1 NAT

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: 01/11/2004

Version : 1.00

: --

## 1

: TECHNYL A 50H1 NAT  
: Manufacture of articles by injection and extrusion  
:  
:  
: 1321-1 3  
: +82 2 2108 4902  
: +82 2 2108 4909

## 2

>>

: Polyamide 66 (CAS : 32131-17-2)  
Melamine Cyanurate (CAS : 37640-57-6) 1~18%

:  
:

>> 가

: § : (R) Revision of the entry in the Adaptation to Technical  
Progress of Annex 1 of Directive 67/548/EEC  
가 가

## 3

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- 가

: 250 가 .

: EC .

가

: EU (article 9.3 of Annex 6 of Directive 67/548/EEC, 28<sup>th</sup>  
ATP, )

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TECHNYL A 50H1 NAT

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7

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: Al-foil PE film  
: Cardboard,

8

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- (France) :  
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TECHNYL A 50H1 NAT

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9

- :  
- :  
pH :  
: 250~270  
: > 300  
- Flash : > 400 (Closed cup)  
- : > 450 (Spontaneous ignition temperature)  
: EU  
- :  
- :

10

- :  
- :  
- : 가  
(Carbon Oxides, CO+CO2)  
(Nitrogen Oxides, NOx)  
(Hydrogen Cyanide)



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TECHNYL A 50H1 NAT

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### 14

- / (RID/ADR) :  
Sea (IMO/IMDG) :  
Air (ICAO-IATA) :  
NOTE : 가 ..

### 15

: ( ) :  
**NOT APPLICABLE**  
EU :  
**NOT APPLICABLE**  
- R Phases : R Phases .  
- S Phases : S Phases .  
- 가 : EU (Article 9.3 of Annex 6 of Directive 67/548/EEC, 28<sup>th</sup>  
ATP) label



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EINECS

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