NTEK 北测检测
NTEK Testing Technology Co., Ltd

TEST REPORT

Client : Yantai Zhaojin Kanfort Precious Metals Incorporated Company
Address : No 288,Guoda Road,Zhaoyuan City,Shandong Province

The consignor of the sample information stated to be
Sample name : Potassium aurous cyanide/Potassium gold cyanide
Model : 200517
Item/Lot No. : /
Material : /
Supplier : /
Manufacturer : /

Sample received date : Jun.09,2020
Testing period : From Jun.09,2020 to Jun.15,2020
Sample description : White crystal

Testing Requested :
1.According to 2011/65/EU and 2015/863/EU, Lead, Cadmium, Mercury, Hexavalent chromium,PBBs & PBDEs, DBP, BBP, DEHP(DOP) and DIBP content test of the sample were carried out.
2.According to the client's requirement, Fluorine, Chlorine, Bromine and Iodine content of the sample were carried out.
3.According to the client's requirement,PFOS ,PFOA content of the sample were carried out.
4.According to the client's requirement, Sb, Sb203, Be, As, P（Phosphorus）, Co, CoC12, S content of the sample were carried out.
5.According to the client's requirement, 18 kinds of phthalicacidesters (DINP、DIDP、DNOP、DEHP（DOP）、DNHP（DHXP）、DPP、DBP、DIBP、DNPP、BBP、DIHP、DHNUP、DMEP、DEP、DMP、DNPP) content of the sample were carried out.
6.According to the client's requirements, HBCDD content of the sample was carried out.
7.According to the client's requirements, the content of PVC of the samples was carried out.

******FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)******

Signed for and on behalf of
Kunshan NTEK Testing Technology Co., Ltd

Compiled by: Carrie Reviewed by: Emily Approved by: Summer

Authorized Signatories：Guo Fu, Summer

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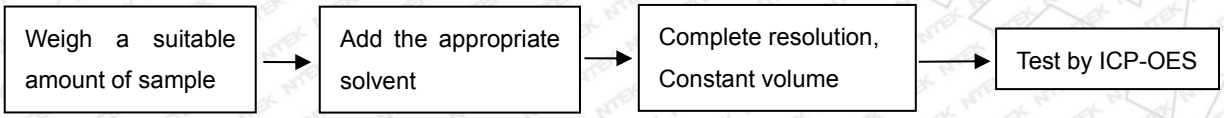
Testing Method :

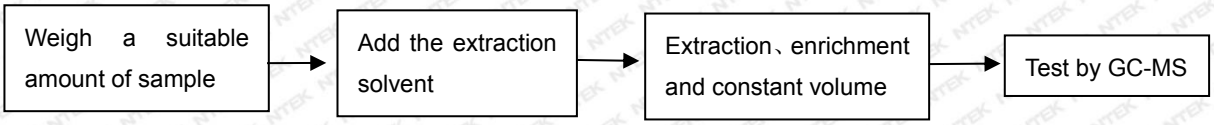
Test Item	Test Method	Test Instrument
Lead（Pb）, Cadmium（Cd）	IEC 62321-5:2013	ICP-OES
Mercury（Hg）	IEC 62321-4:2013/AMD1:2017	ICP-OES
PBBs&PBDEs	IEC 62321-6:2015	GC-MS
Hexavalent chromium（Cr^{6+}）	IEC 62321-7-2:2017	UV-VIS
DBP, BBP, DEHP(DOP), DIBP	IEC 62321-8:2017	GC-MS
Fluorine(F), Chlorine(Cl), Bromine(Br),Iodine（I）	EN 14582:2016	IC
PFOS#,PFOA#	CEN/TS 15968:2010	LC/MS/MS
Sb, Sb203, Be	US EPA 3052:1996	ICP-OES
As, P（Phosphorus）, Co, CoC12, S	US EPA 3050B:1996	
DINP、DIDP	IEC62321-8:2017	GC-MS
DNOP、DEHP（DOP）、DNHP（DHXP）、DPP、DBP、DIBP、DNPP、BBP、DIHP、DHNUP、DMEP、DEP、DMP、DNPP	US EPA 3550C:2007 US EPA 8270E:2018	
HBCDD	US EPA 3550C:2007 US EPA 8270D:2014	GC-MS
PVC	JY/Y-001-1996	FTIR

Testing Flow:

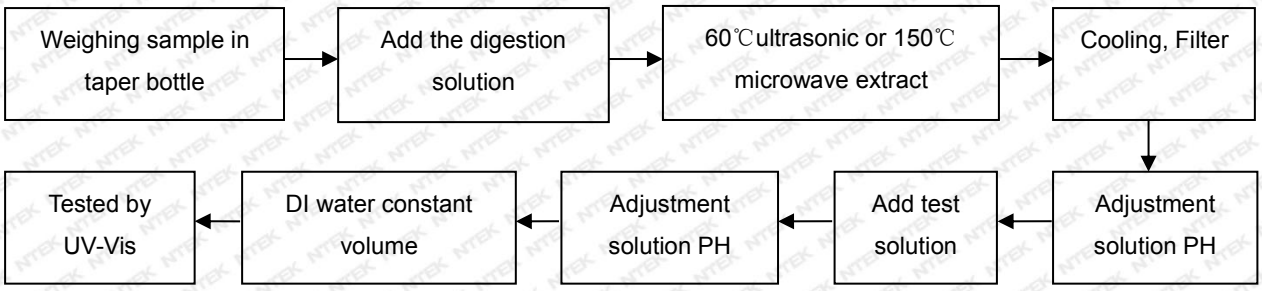
1.Test item:Lead, Cadmium and Mercury



2.Test item: PBBs/PBDEs



3.Test item:Hexavalent Chromium



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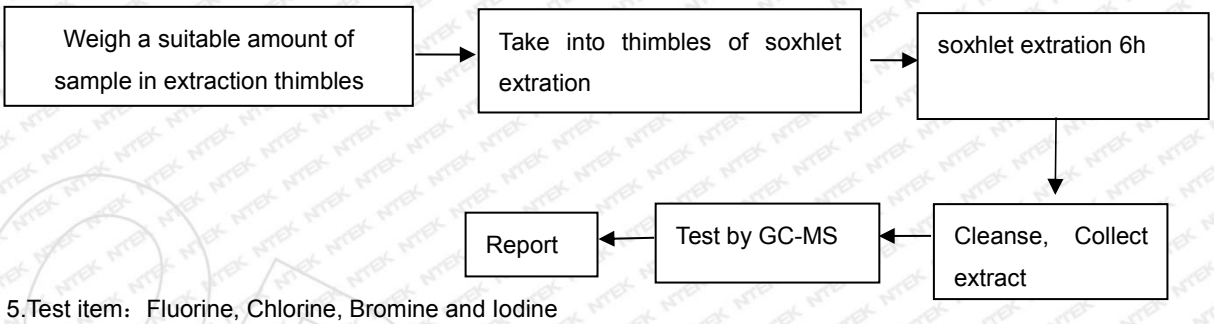
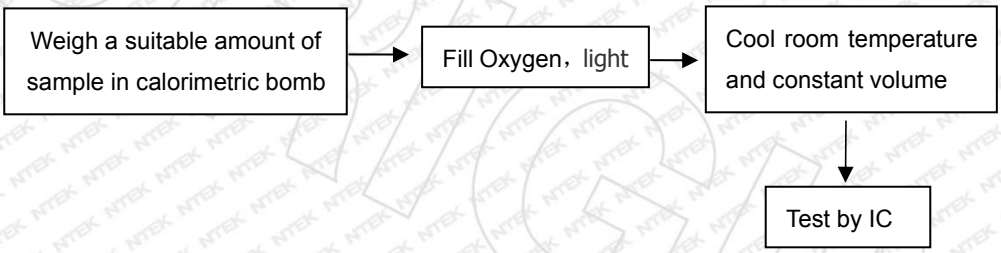
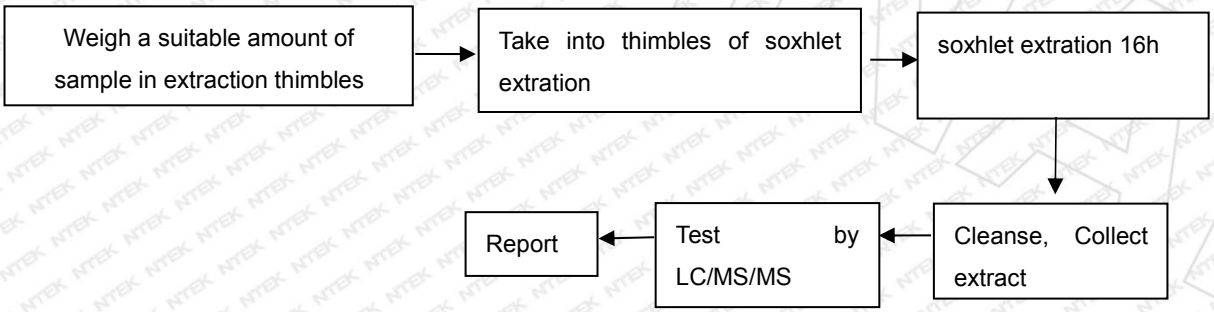
4.Test item：four phthalates (DEHP、BBP、DBP、DIBP).



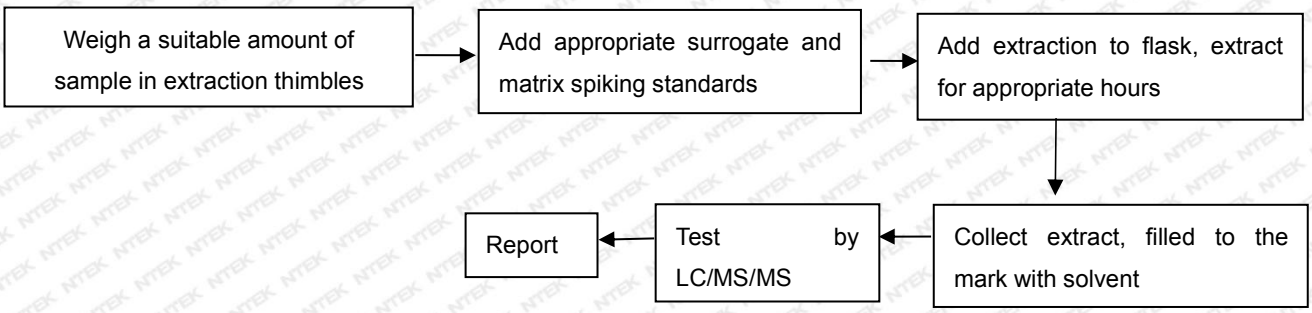
5.Test item：Fluorine, Chlorine, Bromine and Iodine



6.Test Item：PFOS



7.Test Item：PFOA



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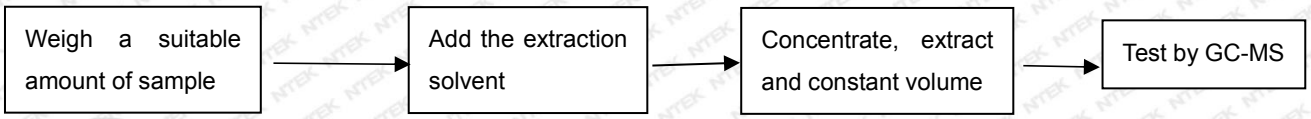
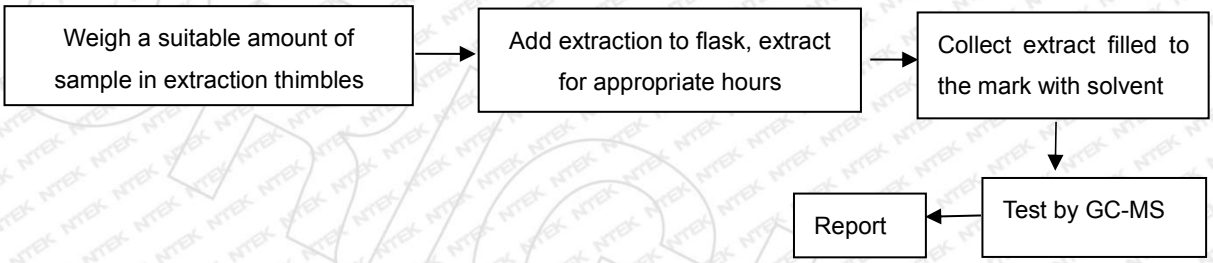
8.Test item：The determination of phthalates DINP、DIDP、DNOP、DEHP（DOP）、DNHP（DHXP）、DPP、DBP、DIBP、DNPP、BBP、DIHP、DHNUP、DMEP、DEP、DMP、DNPP levels.



9.Test item：HBCDD



Testing instrument:

Instrument name	Instrument manufacturers	Instrument model	Number of instrument
ICP-OES	Agilent	720	E-RH-T024
GC-MS	SHIMADZU	QP2010plus	E-RH-T002
UV-VIS	Beijing Puxi	TU-1901	E-RH-T004
IC	DIONEX	ICS-1100	E-RH-T025
GC-MS	SHIMADZU	QP2010	E-RH-T012
LC/MS/MS	Agilent	1290-6460	JX-JC-111
Fourier infrared analyzer	/	Nicolet460	/

Testing Results:

1. RoHs 2.0

Test item	Limit（mg/kg）	MDL（mg/kg）	Results（mg/kg）
Lead（Pb）	1000	2	N.D.
Cadmium（Cd）	100	2	N.D.
Mercury（Hg）	1000	2	N.D.
Hexavalent Chromium（Cr VI）	1000	8	N.D.

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Test item	Limit（mg/kg）	MDL（mg/kg）	Results（mg/kg）
PBBs	1000	/	N.D.
MonoBB	/	5	N.D.
DiBB	/	5	N.D.
TriBB	/	5	N.D.
TetraBB	/	5	N.D.
PentaBB	/	5	N.D.
HexaBB	/	5	N.D.
HeptaBB	/	5	N.D.
OctaBB	/	5	N.D.
NonaBB	/	5	N.D.
DecaBB	/	5	N.D.
PBDEs	1000	/	N.D.
MonoBDE	/	5	N.D.
DiBDE	/	5	N.D.
TriBDE	/	5	N.D.
TetraBDE	/	5	N.D.
PentaBDE	/	5	N.D.
HexaBDE	/	5	N.D.
HeptaBDE	/	5	N.D.
OctaBDE	/	5	N.D.
NonaBDE	/	5	N.D.
DecaBDE	/	5	N.D.

Test item	CAS.NO.	MDL（mg/kg）	Limit（mg/kg）	Results（mg/kg）
Diethylhexyl phthalate（DEHP）（DOP）	117-81-7	10	1000	N.D.
Butyl benzyl phthalate（BBP）	85-68-7	10	1000	N.D.
Dibutyl phthalate（DBP）	84-74-2	10	1000	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	10	1000	N.D.

2. Halogen

Test item	Limit（mg/kg）	MDL（mg/kg）	Results（mg/kg）
Fluorine（F）	/	50	N.D.
Chlorine（Cl）	900	50	N.D.
Bromine（Br）	900	50	N.D.
Iodine（I）	/	50	N.D.
Total (chlorine + bromine)	1500	/	N.D.

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3. PFOS,PFOA

Test item	MDL（mg/kg）	Results（mg/kg）
PFOS	5	N.D.
PFOA	0.025	N.D.

4.Sb、Sb203、Be、As、P（Phosphorus）、Co、CoC12、S

Test item	Results（%）
Sb	<0.0010
Sb203	<0.0010
Be	<0.0005
As	<0.0010
P（Phosphorus）&	<0.0010
Co	<0.0010
CoC12	<0.0010
S	<0.0010

5.18P

Test item	CAS.NO.	MDL（mg/kg）	Results（mg/kg）
Diisononyl phthalate（DINP）	28553-12-0 68515-48-0	50	N.D.
Didecyl phthalate(DIDP)	68515-49-1 26761-40-0	50	N.D.
Dioctyl phthalate（DNOP）	117-84-0	10	N.D.
Phthalate, di (2-ethyl) hexyl（DEHP）（DOP）	117-81-7	10	N.D.
Di-n-hexyl phthalate（DHXP/DNHP）	84-75-3	10	N.D.
Diamyl phthalate（DPP）	131-18-0	10	N.D.
Phthalate, di-n-butyl ester（DBP）	84-74-2	10	N.D.
Diisobutyl phthalate（DIBP）	84-69-5	10	N.D.
Di-n-pentyl Phthalate（DNPP）	131-18-0	10	N.D.
Phthalate, butyl benzyl phthalate（BBP）	85-68-7	10	N.D.
Bis(5-methylhexyl) phthalate（DIHP）	71888-89-6	50	N.D.
1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters（DHNUP）	68515-42-4	50	N.D.
Phthalate (2 - methoxy) ethyl ester（DMEP）	117-82-8	10	N.D.
Diethyl phthalate（DEP）	84-66-2	10	N.D.
Dimethyl phthalate（DMP）	131-11-3	10	N.D.
Di-n-pentyl Phthalate（DNPP）	131-18-0	10	N.D.

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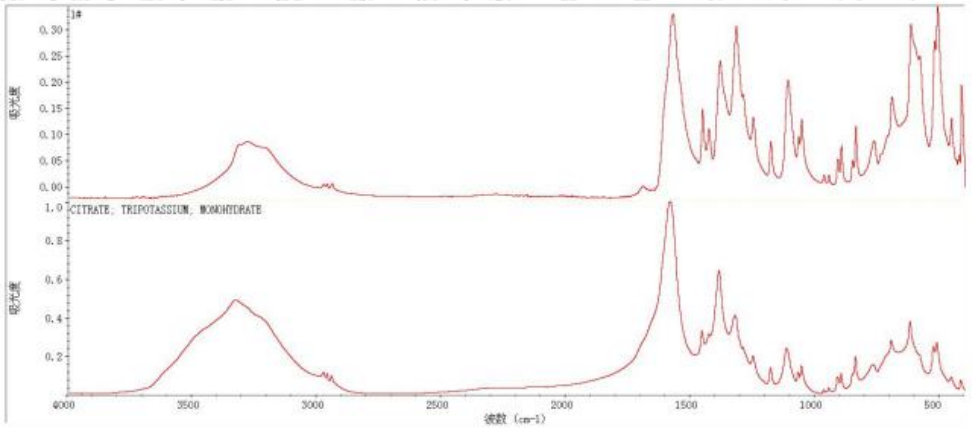
6.HBCDD

Test item	MDL（mg/kg）	Results（mg/kg）
HBCDD	5	N.D.

7.PVC

Test item	Results
PVC	Through infrared spectrum analysis, the sample does not contain PVC

PVC infrared spectrum



Note:

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

2.MDL=Method Detection Limit

3.&The substance is calculated by using the test result of P.

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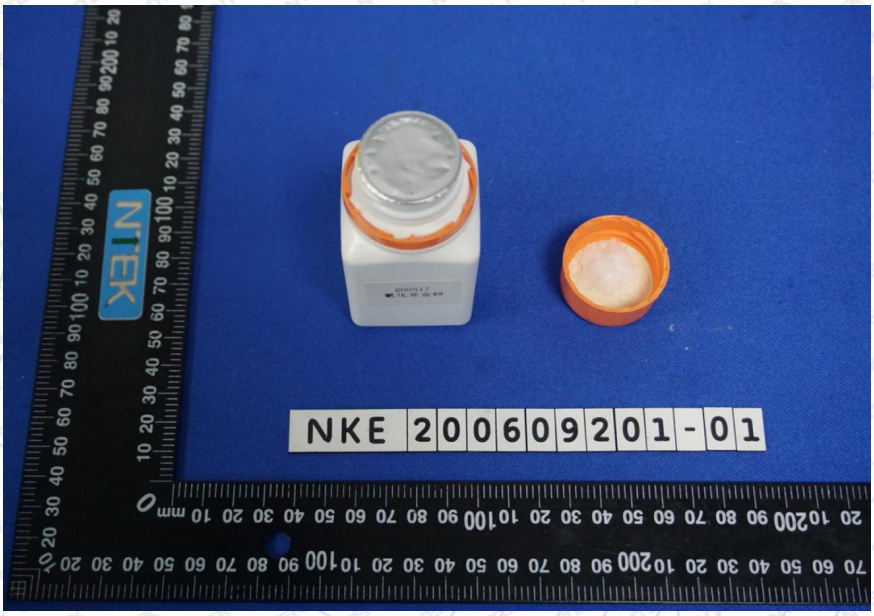
Photograph of Sample



End of Report

Report statement:

1.The test report is invalid without the signature of the authorized person and the special seal of the report.

2.The sample and sample information are provided by the client, and the client shall be responsible for its authenticity. NTEK has not verified its authenticity.

3. The test result is only responsible for the test sample.

4.The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

5.Without the consent of the NTEK,Shall not copy any part of this report.

6. "#" means that the test of the project is completed by Dongguan company of NTEK.

7. "*" means that the test of the project is completed by the qualified subcontract laboratory.

8.This test report displaces the original report of No.NKE20060920101B-E, and the original one was invalid since the date of this test report released.