Test Report

NO:TBK20210708Lab50101E-7 Date:Jul.13,2021

Applicant:ZHEJIANG RONGXIN MAGNET.,LTD

Address：528#,Fuqian Street,Sian Town,Changxing,Huzhou,Zhejiang,313113P.R.China

The following sample was submitted and identified by/on behalf of the applicant as:

Sample Name：AlNiCo Magnet

Sample Model：/

Lot.：/

Material：/

Supplier：/

Manufacturer：/

Sample Receiving Date：Jul.8,2021

Testing Period：Jul.8,2021 to Jul.13,2021

Test Requirement：

1. According to the EU RoHS Directive 2011/65/EU(RoHS2.0) and (EU)2015/863, test the amount of lead,cadmium,mercury,hexavalent chromium,polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs),Di(2-ethylhexyl) phthalate (DEHP),toluene butyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP) in the commission sample.
2. According to the EU Directive No 757/2010,test the amount of perfluoctane sulfonic acid (PFOS) in the commissioned sample.

Test Result：

Please refer to the next page（s）.

******For more details please refer to the next page******

Fiction: Celine **Review:**

(Rapporteur) **(Technical Director)**

Approve: sky.Liu

(General Manager) **Date：Jul.13,2021**

Suzhou TBK Testing Technology Co.,Ltd TBK Special Seal for Report

本检测单位保证检测的客观公正性，并对委托单位的商业秘密履行保密义务；委托单位对样品的代表性和资料的真实性负责，本检测单位仅对样品负责，委托单位对于检测结果的使用所产生的直接或间接损失及一切后果，本单位不承担任何经济和法律责任；本《检测报告》未经授权全部或部分转载、复制、篡改和伪造都是违法的，将被追究民事、行政甚至刑事责任；请注意本报告最后一页背面测试服务条款。

Test Report

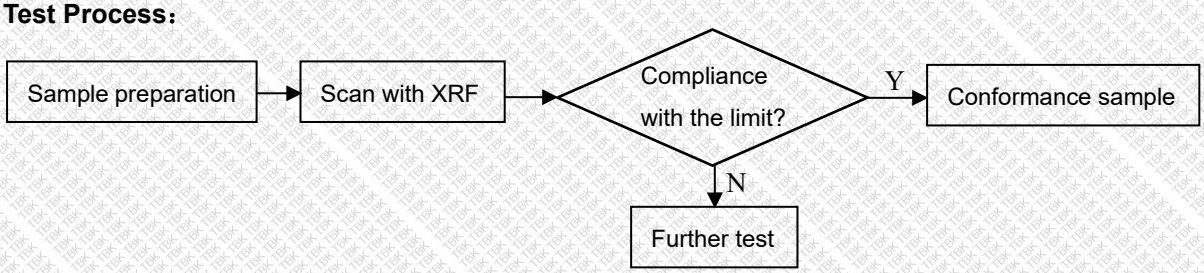
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Test Item 1：RoHS2.0

Detection Method and Instrument：

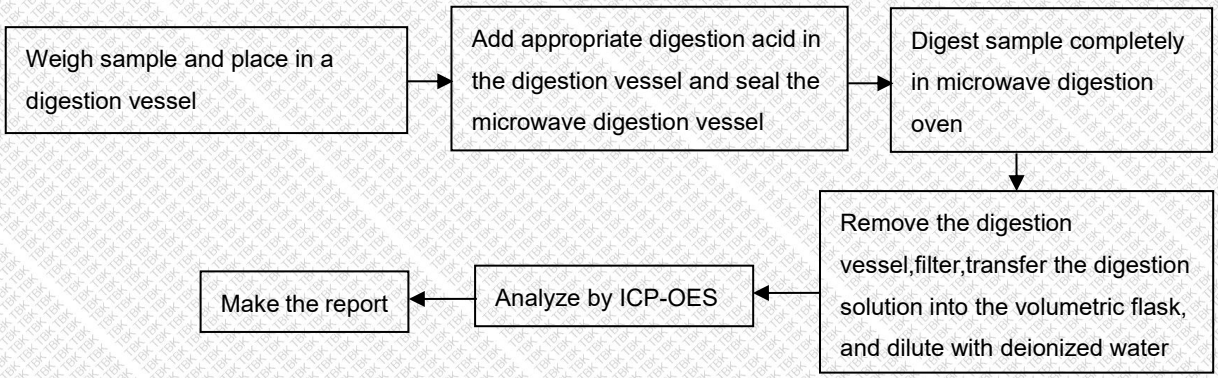
Test Items	Reference Standard	Instrument
XRF Scan	IEC 62321-3-1:2013	XRF
Pb	IEC 62321-5:2013	ICP-OES
Cd	IEC 62321-5:2013	ICP-OES
Hg	IEC 62321-4:2013	ICP-OES
Cr VI	IEC 62321-7-1:2015	UV－VIS
PBBs	IEC 62321-6:2015	GC-MS
PBDEs	IEC 62321-6:2015	GC-MS
DEHP BBP DBP DIBP	IEC 62321-8:2017	GC-MS

Test Process：



Further Test：

1. Test for Pb、Cd content

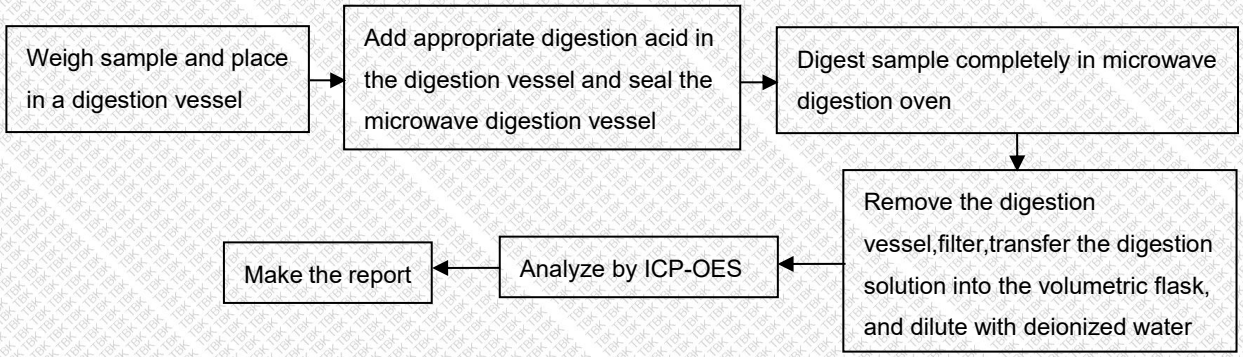


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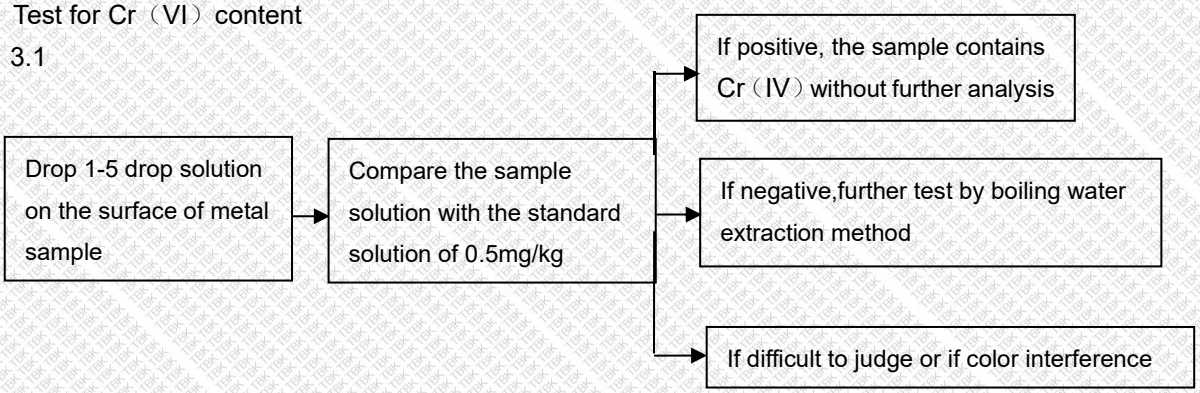
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2. Test for Hg content

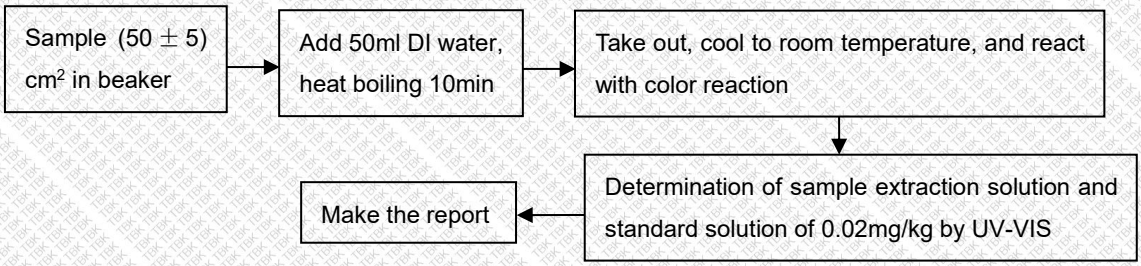


3. Test for Cr（VI）content

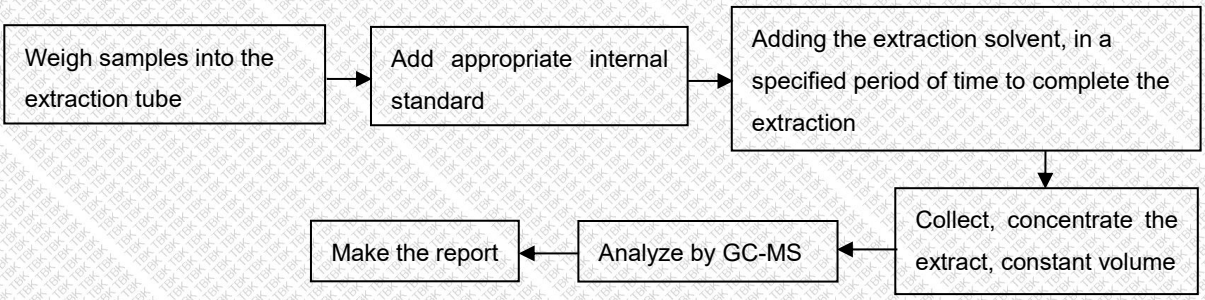
3.1



3.2



4. Test for PBBs,PBDEs,DEHP,BBP,DBP&DIBP content



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Test Results：

Test Items	MQL (mg/kg)	Results (mg/kg)	Limited Value (mg/kg)
Lead （Pb）	<2	N.D	<1000
Cadmium （Cd）	<2	N.D	<100
Mercury (Hg)	<2	N.D	<1000
Hexavalent Chromium （CrVI）	<0.1 ug/cm^2	**N.D	<1000
Bromobiphenyl	<5	N.D	---
Dibromobiphenyl	<5	N.D	---
Tribromobiphenyl	<5	N.D	---
Tetrabromobiphenyl	<5	N.D	---
Pentabromobiphenyl	<5	N.D	---
Hexabromobiphenyl	<5	N.D	---
Heptabromobiphenyl	<5	N.D	---
Octabromobiphenyl	<5	N.D	---
Nonabromobiphenyl	<5	N.D	---
Decabromodiphenyl	<5	N.D	---
Poly Brominated Biphenyls （PBBs）	---	N.D	<1000
Bromobiphenyl ether	<5	N.D	---
Bibromobiphenyl ether	<5	N.D	---
Tribromobiphenyl ether	<5	N.D	---
Tetrabromobiphenyl ether	<5	N.D	---
Pentabromobiphenyl ether	<5	N.D	---
Hexabromobiphenyl ether	<5	N.D	---
Heptabromobiphenyl ether	<5	N.D	---
Octabromobiphenyl ether	<5	N.D	---
Nonabromobiphenyl ether	<5	N.D	---
Decabromodiphenyl ether	<5	N.D	---
Polybrodiphenyl ether (PBDEs)	---	N.D	<1000
Di(2-ethylhexyl) phthalate (DEHP)	<50	N.D	<1000
Toluene butyl phthalate (BBP)	<50	N.D	<1000
Dibutyl phthalate (DBP)	<50	N.D	<1000
Diisobutyl phthalate (DIBP)	<50	N.D	<1000

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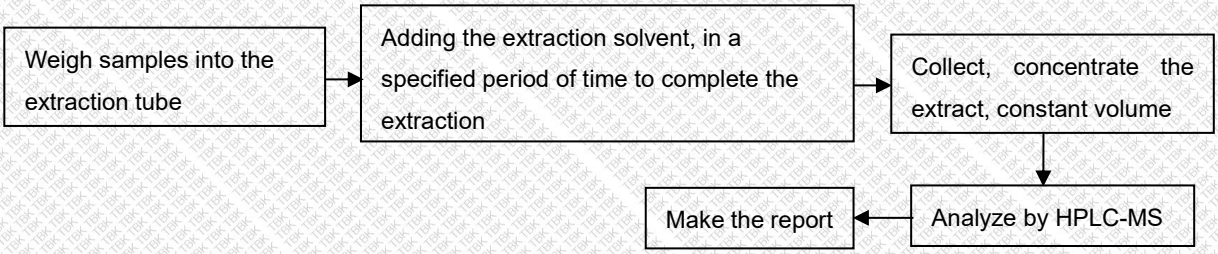
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Test Item 2:PFOS Test

Test Item	Reference Standard	Instrument
PFOS	US EPA 3550C:2007	HPLC-MS

Test Process：



Test Result：

Test Item	Unit	MQL	Result	Limited Value
Perfluoctane sulfonic acid（PFOS） PFOS - acids PFOS- metal salts	mg/kg	10	N.D.	1000

Remarks：

-"mg/kg"=ppm

-"N.D"=Not detected（Less than MQL）

-"MQL"=Method of quantitative detection limit

-"**N.D"=Negative

-"Negative"=hexavalent chromium content detected in the sample is less than 0.1 ug/cm^2;"Positive"=hexavalent chromium content detected in the sample is more than 0.13 ug/cm^2;"Unjudgmentable"=hexavalent chromium content detected in the sample is between 0.1 ug/cm^2 and 0.13 ug/cm^2

-"---" =Not provided

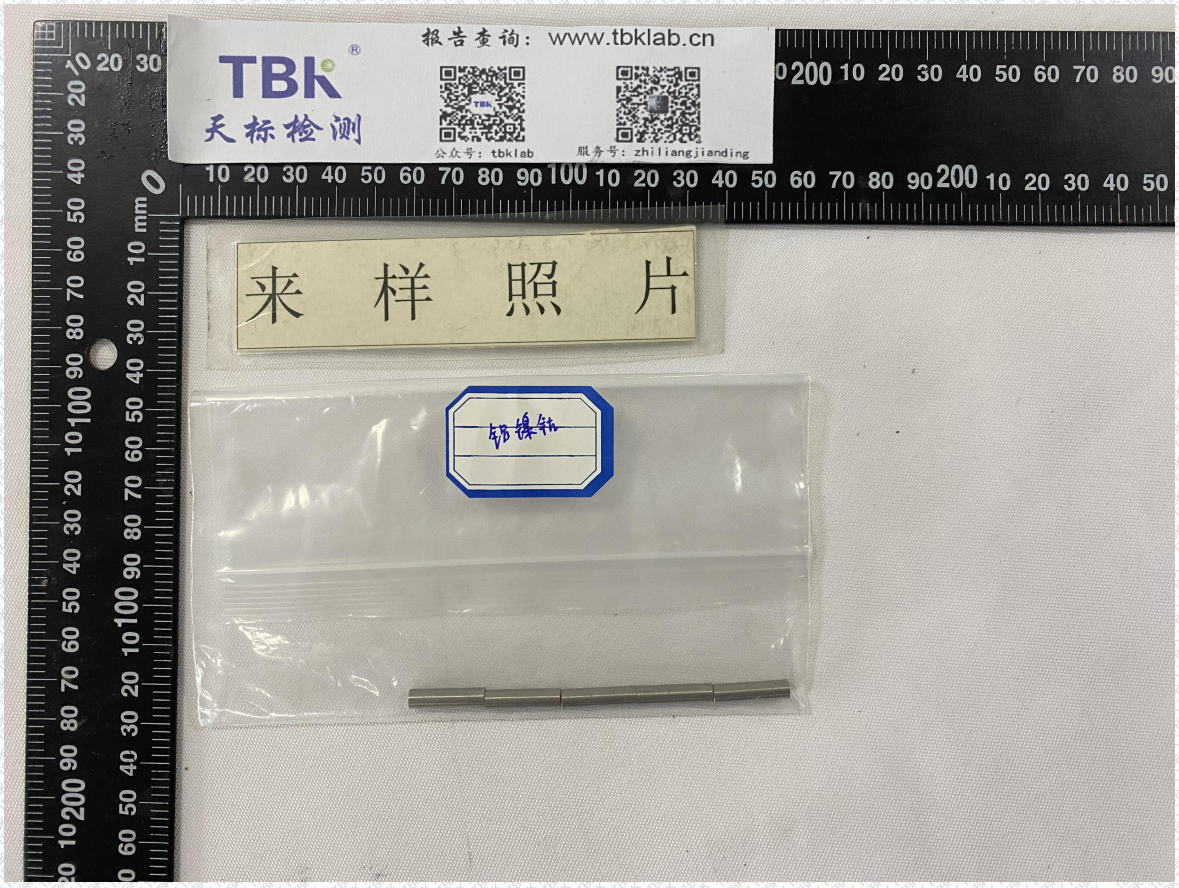
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Sample Picture：



＊＊＊End of the report＊＊＊

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