



Certificate of Registration

This certifies that the Quality Management System of

NINGBO YUANCHEN NEW MATERIALS CO., LTD.

No. 83, Nanhu Road, Xiexi Industrial Area, Daxie Development Zone,
Ningbo City, Zhejiang Province, China 315812

Has been assessed by NSF-ISR and found to be in conformance to the following standards(s):

IATF 16949:2016

Scope of Registration:

Manufacturing of Permanent Magnetic Material Products

Exclusions: Product Design



IATF Certificate Number:	0370854
Certificate Number:	CNIATF043563
Certificate Issue Date:	21-AUG-2020
Registration Date:	20-AUG-2020
Expiration Date*:	19-AUG-2023

Tom Chestnut,
Sr Vice President - ISR,
NSF-ISR, Ltd.

NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

Authorized Registration and/or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.
*Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org



IEC QUALITY ASSESSMENT SYSTEM (IECQ)
covering Electronic Components,
Assemblies, Related Materials and Processes
For rules and details of the IECQ visit www.iecq.org

IECQ Certificate of Conformity Hazardous Substance Process Management

IECQ Certificate No.:	IECQ-H LCIE 19.0014	Issue No.:	1	Status:	Current
Supersedes:		Issue Date:	2019/04/19	Org Issue:	2019/04/19
CB Reference No.:	193-19-013 Is.1	Expiration:	2022/04/18		

Applicable to:

- European Directive 2011/65/EU ("RoHS – Restriction of the use Of certain Hazardous Substances") in electrical and electronic equipment. Including all published amendments
- European Directive 94/62/EC ("Packaging and Packaging Waste") and its amendments
- Customer specified requirements

NINGBO YUANCHEN NEW MATERIALS CO., LTD.

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The organization has developed and implemented Hazardous Substance Process Management procedures and related processes which have been assessed and found to comply with the applicable requirements for IECQ HSPM organization approval which is in accordance with the Basic Rules IECQ 01 and Rules of Procedure IECQ 03-5 "IECQ Hazardous Substances Process Management" of the IEC Quality Assessment System for Electronic Components (IECQ), and with respect to the IECQ Specification:

- IECQ QC 080000:2017 - Hazardous Substance Process Management System Requirements

This Certificate is applicable to all electronic components, assemblies, related materials and processes for the following scope of activities:

Manufacturing of permanent magnetic material products

Issued by the Certification Body: LCIE Bureau Veritas

33 avenue, du Général Leclerc
92260, Fontenay aux Roses
France

Authorized person:
Jérôme REYSSON



L C I E



The validity of this certificate is maintained through on-going surveillance audits by the

IECQ CB issuing this certificate.

This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.

This certificate and any schedule(s) may only be reproduced in full.

This certificate is not transferable and remains the property of the issuing IECQ CB.

The Status and authenticity of this certificate may be verified by visiting www.iecq.org



Certificate of Registration

This certifies that the Quality Management System of

NINGBO YUANCHEN NEW MATERIALS CO., LTD.

Unified Social Credit Code: 91330201750354879J

No. 83, Nanhu Road, Xiexi Industrial Area, Daxie Development Zone,

Ningbo City, Zhejiang Province, China 315812

has been assessed by NSF-ISR and found to be in conformance to the following standards(s):

ISO 9001:2015

Scope of Registration:

Manufacturing of Permanent Magnetic Material Products

Exclusions: Product Design



Certificate Number:
Certificate Issue Date:
Registration Date:
Expiration Date*:

CNQMS043564
20-AUG-2020
20-AUG-2020
19-AUG-2023

Tom Chestnut,
Sr Vice President - ISR,
NSF-ISR, Ltd.

The certificate information can be searched on the website of CNCA (www.cnca.gov.cn).

The certified organization must do the regular surveillance audit and get valid audit conclusion to maintain the effective of the certificate

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中安认证

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE OF CONFORMITY

This is to certify that Environmental Management System of
Ningbo Yuanchen New Materials Co., Ltd.

Consolidated Social Credit Code: 91330201750354879J

(Register ADD: No.83, nanhu road, Xiexi Industrial Zone,
Daxie Development Zone, Ningbo City, Zhejiang Province postcode: 315812)
by reason of its

Environmental Management System
has been awarded this certificate for compliance with the standard
GB/T 24001—2016/ISO 14001:2015

This certificate is valid in the following area:

**Production and related activities of
permanent magnetic material products**

ADD: No. 83, nanhu road, Xiexi Industrial Zone,
Daxie Development Zone, Ningbo City, Zhejiang Province.

The No. of this certificate is: 02812E10350R3M

This certificate is valid from: Jan.15.2021 to Jan.09.2024

Date of issue: Jan.15.2021

Beijing Zhong-An-Zhi-Huan Certification Center Co., Ltd
(Former 8 · 1 Certification Center of Quality System)
(ADD: A 22th floor, Free Town, No.58, South Road, East 3rd, ring Road Chaoyang District, Beijing
Postcode: 100022)

Issued by:

任磊



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C028-M

证书信息查询方式:

The website of inquiry certificate: <http://www.cnea.gov.cn>



Certificate Status

Contact Info

Test Report

No. NGBEC2100464001

Date: 04 Feb 2021

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NINGBO YUANCHEN NEW MATERIALS CO.,LTD

NO.83,NANHU ROAD,XIEXI INDUSTRIAL AREA,DAXIE DEVELOPMENT ZONE,NINGBO CITY,ZHEJIANG PROVINCE,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : NdFeB

SGS Job No. : NP21-000368 - NB
 Date of Sample Received : 29 Jan 2021
 Testing Period : 29 Jan 2021 - 04 Feb 2021
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).
 Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Iris Xiao

Iris Xiao
 Approved Signatory



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 Ningbo Branch

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	NGB21-004640.001	silvery-gray metal

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013 and IEC 62321-7-1:2015, analyzed by ICP-OES and UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND

Notes :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
IEC 62321 series is equivalent to EN 62321 series
https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (2) ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI)
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating
c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination
Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Halogen

Test Method : With reference to EN 14582: 2016 , analysis was performed by IC.



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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Chlorine (Cl)	mg/kg	50	ND
Bromine (Br)	mg/kg	50	ND

Element(s)

Test Method : With reference to US EPA Method 3050B:1996, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Beryllium (Be)	mg/kg	5	ND
Phosphorus (P)	mg/kg	20	ND
Antimony (Sb)	mg/kg	10	ND



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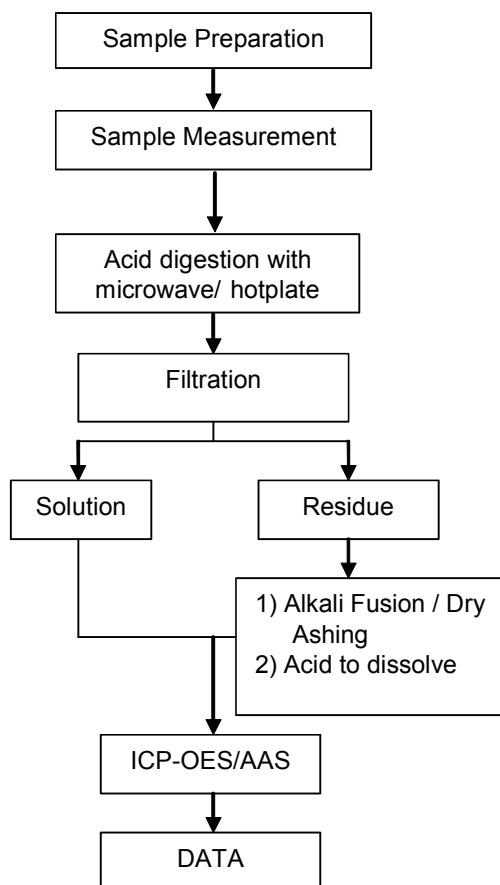
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Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.



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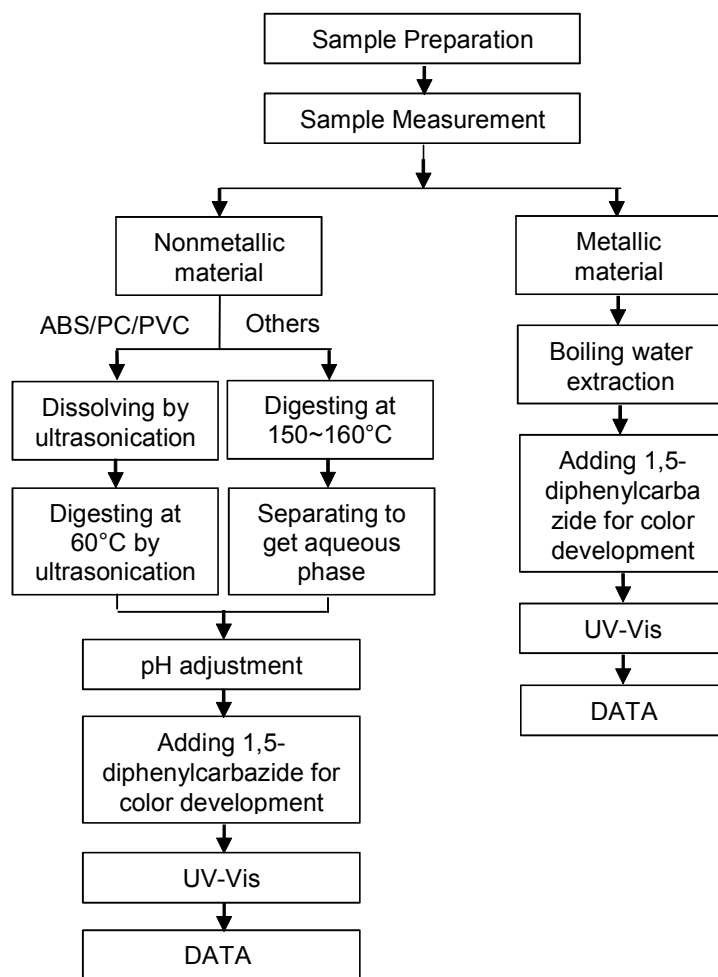
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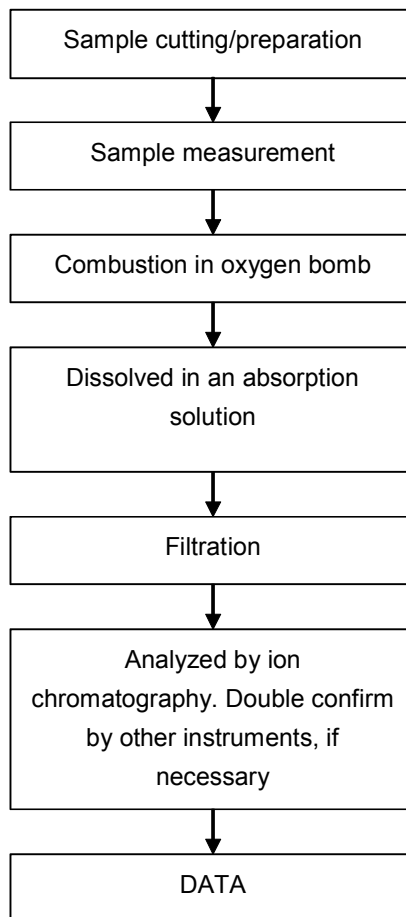
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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Halogen Testing (oxygen bomb) Flow Chart



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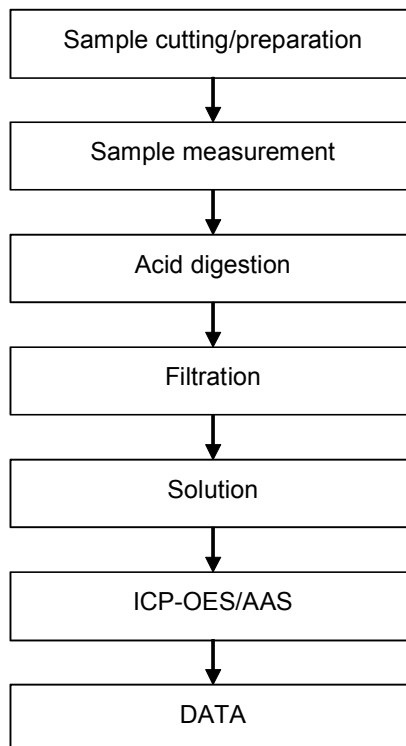
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Elements Testing Flow Chart



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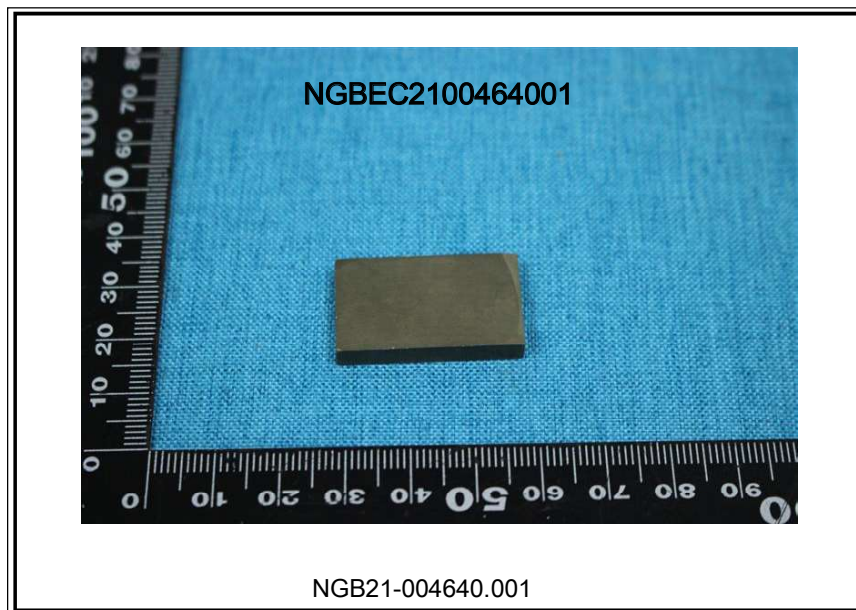
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Sample photo:



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