

Test Report

No.: CANEC25029902001_1

Date: Dec 11, 2025

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Client Name: Uniroyal Electronics Industry Co., Ltd.

Client Address: 88 Longteng Road, Economic & Technical Development Zone, Kunshan City, Jiangsu, CHINA

Sample Name: Chip Resistors

Buyer: Uniroyal Electronics Global Co.,Ltd.

Supplier: Uniroyal Electronics Industry Co., Ltd.
Aeon Technology Corporation Co.,Ltd.
Royal Electronic Factory (Thailand) Co.,Ltd.
Royal Technology (Thailand) Co.,Ltd.
UNUS TECHNOLOGY CORPORATION

The above sample(s) and information were provided by the client.

THIS REPORT IS TO SUPERSEDE REPORT NO.CANEC25029902001, DATE: Dec 08, 2025.

SGS Job No.: XMP25-005550

Sample Receiving Date: Dec 01, 2025

Testing Period: Dec 01, 2025 ~ Dec 08, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
End-of Life Vehicles Directive (2000/53/EC) and its amendment directives	Pass
Flame Retardants	See Results

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



Jany Zhong
Approved Signatory

Scan to see the report



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Test Result(s):**Test Part Description:**

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0299020-0001.C001	"Chip Resistors"

Remarks:

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

End-of Life Vehicles Directive (2000/53/EC) and its amendment directives

Test Method:

- (1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES/AAS.
- (2) With reference to IEC 62321-5:2013, determination of Lead by ICP-OES/AAS.
- (3) With reference to IEC 62321-4:2013+AMD1:2017, determination of Mercury by ICP-OES.
- (4) With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis and/or with reference to IEC 62321-5:2013, determination of Chromium by ICP-OES/AAS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Cadmium(Cd)	100	mg/kg	2	ND
Lead(Pb)	1000	mg/kg	2	489▲
Mercury(Hg)	1000	mg/kg	2	ND
Hexavalent Chromium(CrVI)	1000	mg/kg	8	ND

Notes:

- (1) The maximum permissible limit is quoted from End-of Life Vehicles Directive (2000/53/EC) and its amendment directives.
- (2) The result of Hexavalent Chromium (Cr(VI)) is “ND” as the result of Chromium (Cr) is “ND”, and confirmation test of Hexavalent Chromium (Cr(VI)) is not required.
- (3) If the Chromium (Cr) content is greater than of Hexavalent Chromium (Cr(VI)) MDL, confirmation test of Hexavalent Chromium (Cr(VI)) is required.

Flame Retardants

Test Method: With reference to IEC 62321-6:2015, analysis was performed by GC-MS.

Test Item(s)	Unit(s)	MDL	A1
Sum of PBBs	mg/kg	-	ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND

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Test Item(s)	Unit(s)	MDL	A1
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Sum of PBDEs	mg/kg	-	ND
Monobromodiphenyl ether	mg/kg	5	ND
Dibromodiphenyl ether	mg/kg	5	ND
Tribromodiphenyl ether	mg/kg	5	ND
Tetrabromodiphenyl ether	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND
Hexabromodiphenyl ether	mg/kg	5	ND
Heptabromodiphenyl ether	mg/kg	5	ND
Octabromodiphenyl ether	mg/kg	5	ND
Nonabromodiphenyl ether	mg/kg	5	ND
Decabromodiphenyl ether	mg/kg	5	ND

Remark: Lead (Pb) in No.A1 is exempted by EU directive 2000/53/EC and its subsequent amendments based on: Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: — glass in bulbs and glaze of spark plugs, — dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d).

This report added Remark of Test Item.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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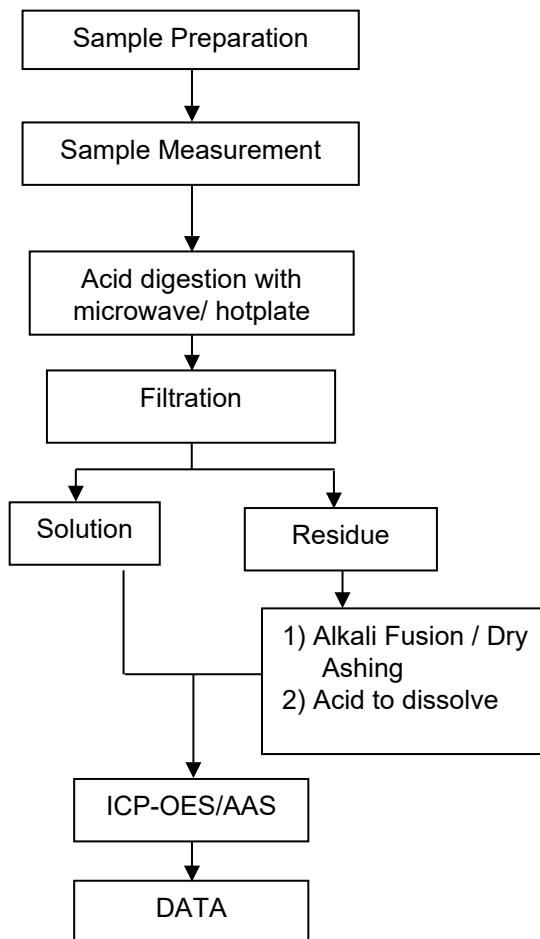
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Elements Testing Flow Chart

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



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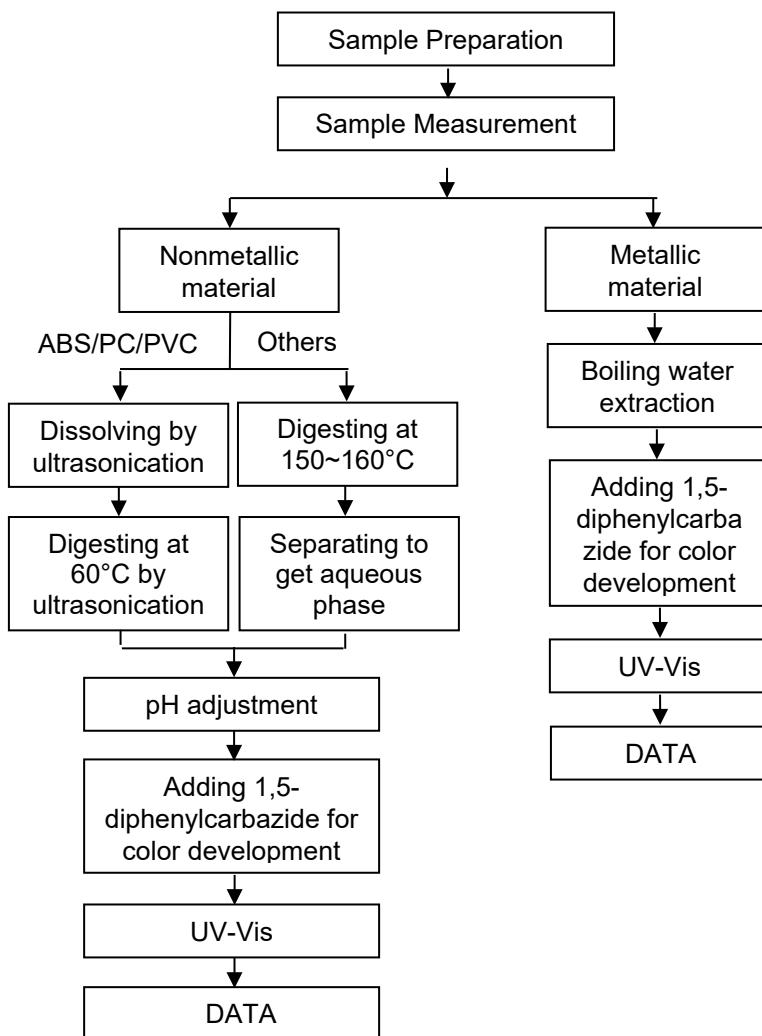
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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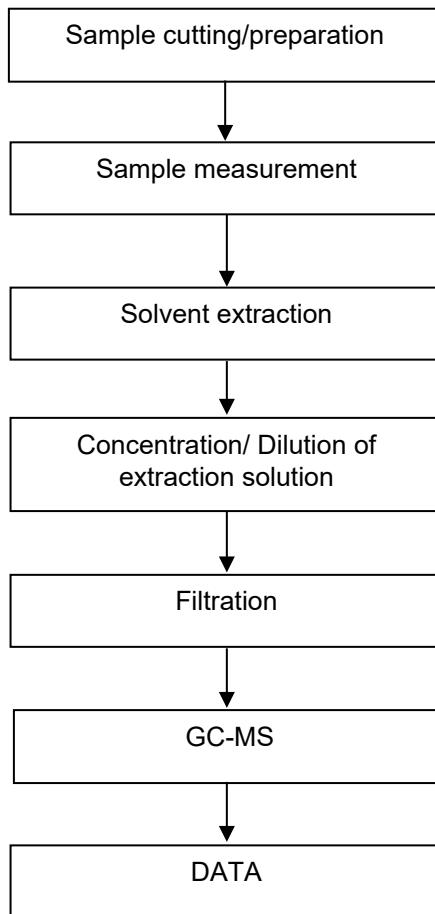
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PBB(s)/PBDE(s) Testing Flow Chart



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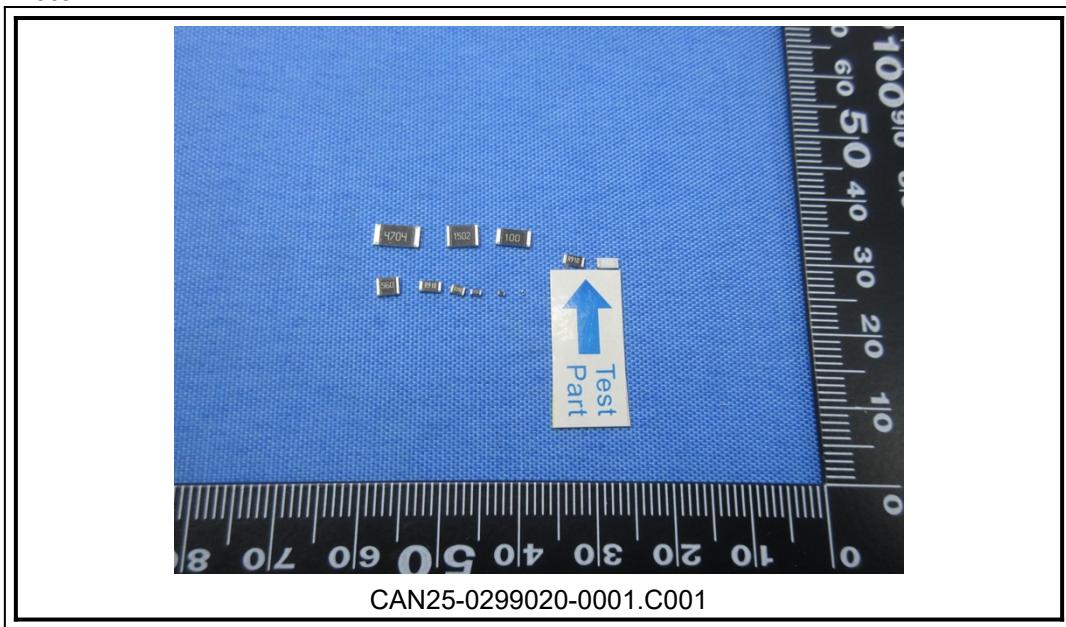
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Sample Photo:



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