Verification Report

No.: CANEC26001253201 **Date:** Feb 04, 2026

Client Name: SHENZHEN XINAOXIN TECHNOLOGY CO., LTD

Client Address: 1819, BUILDING B, TIANXIA INTERNATIONAL CENTER, NO. 8 TAOYUAN ROAD, DAWANGSHAN COMMUNITY, NANTOU STREET, NANSHAN DISTRICT, SHENZHEN

Sample Name: SD CARD

Client Ref. Information: 1GB,2GB,4GB,8GB,16GB,32GB,50GB,64GB,100GB,128GB,200GB, 256GB,512GB

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

SGS Job No.: SZP26-002385

Sample Receiving Date: Jan 14, 2026

Verification Period: Jan 14, 2026 ~ Jan 28, 2026

Verification Requested: With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.

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

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

Test Result Summary:

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

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

Tyler Zhang

Tyler-Y Zhang
Approved Signatory

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Photo of Submitted Sample



Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
   (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
   (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.

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Verification Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN26-0012532-0001.C001	Multicolor adhesive plastic sheet
SN2	A2	CAN26-0012532-0001.C002	Black plastic shell with beige printing
SN3	A3	CAN26-0012532-0001.C003	Black plastic shell
SN4	A4	CAN26-0012532-0001.C004	Multicolor "PCB"
SN5	A5	CAN26-0012532-0001.C005	Silvery/golden metal pin
SN6	A6	CAN26-0012532-0001.C006	Dark grey plastic part
SN7	A7	CAN26-0012532-0001.C007	Multicolor adhesive plastic sheet
SN8	A8	CAN26-0012532-0001.C008	Multicolor adhesive plastic sheet
SN9	A9	CAN26-0012532-0001.C009	Multicolor adhesive plastic sheet
SN10	A10	CAN26-0012532-0001.C010	Multicolor adhesive plastic sheet
SN11	A11	CAN26-0012532-0001.C011	Multicolor adhesive plastic sheet
SN12	A12	CAN26-0012532-0001.C012	Multicolor adhesive plastic sheet
SN13	A13	CAN26-0012532-0001.C013	Multicolor adhesive plastic sheet
SN14	A14	CAN26-0012532-0001.C014	Multicolor adhesive plastic sheet
SN15	A15	CAN26-0012532-0001.C015	Multicolor adhesive plastic sheet
SN16	A16	CAN26-0012532-0001.C016	Multicolor adhesive plastic sheet
SN17	A17	CAN26-0012532-0001.C017	Multicolor adhesive plastic sheet
SN18	A18	CAN26-0012532-0001.C018	Multicolor adhesive plastic sheet
SN19	A19	CAN26-0012532-0001.C019	Black "PCB" with white printing
SN20	A20	CAN26-0012532-0001.C020	Multicolor adhesive plastic sheet
SN21	A21	CAN26-0012532-0001.C021	Multicolor adhesive plastic sheet
SN22	A22	CAN26-0012532-0001.C022	Multicolor adhesive plastic sheet
SN23	A23	CAN26-0012532-0001.C023	Multicolor adhesive plastic sheet
SN24	A24	CAN26-0012532-0001.C024	Multicolor adhesive plastic sheet
SN25	A25	CAN26-0012532-0001.C025	Multicolor adhesive plastic sheet
SN26	A26	CAN26-0012532-0001.C026	Multicolor adhesive plastic sheet
SN27	A27	CAN26-0012532-0001.C027	Multicolor adhesive plastic sheet
SN28	A28	CAN26-0012532-0001.C028	Multicolor adhesive plastic sheet
SN29	A29	CAN26-0012532-0001.C029	Multicolor adhesive plastic sheet
SN30	A30	CAN26-0012532-0001.C030	Multicolor adhesive plastic sheet
SN31	A31	CAN26-0012532-0001.C031	Multicolor adhesive plastic sheet
SN32	A32	CAN26-0012532-0001.C032	Multicolor adhesive plastic sheet
SN33	A33	CAN26-0012532-0001.C033	Multicolor adhesive plastic sheet
SN34	A34	CAN26-0012532-0001.C034	Multicolor adhesive plastic sheet
SN35	A35	CAN26-0012532-0001.C035	Multicolor adhesive plastic sheet
SN36	A36	CAN26-0012532-0001.C036	Multicolor adhesive plastic sheet
SN37	A37	CAN26-0012532-0001.C037	Multicolor adhesive plastic sheet
SN38	A38	CAN26-0012532-0001.C038	Multicolor adhesive plastic sheet
SN39	A39	CAN26-0012532-0001.C039	Multicolor adhesive plastic sheet
SN40	A40	CAN26-0012532-0001.C040	Multicolor adhesive plastic sheet
SN41	A41	CAN26-0012532-0001.C041	Multicolor adhesive plastic sheet
SN42	A42	CAN26-0012532-0001.C042	Multicolor adhesive plastic sheet
SN43	A43	CAN26-0012532-0001.C043	Multicolor adhesive plastic sheet
SN44	A44	CAN26-0012532-0001.C044	Multicolor adhesive plastic sheet
SN45	A45	CAN26-0012532-0001.C045	Multicolor adhesive plastic sheet
SN46	A46	CAN26-0012532-0001.C046	Multicolor adhesive plastic sheet
SN47	A47	CAN26-0012532-0001.C047	Multicolor adhesive plastic sheet
SN48	A48	CAN26-0012532-0001.C048	Multicolor adhesive plastic sheet

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SN ID	Sample No.	SGS Sample ID	Description
SN49	A49	CAN26-0012532-0001.C049	Multicolor adhesive plastic sheet
SN50	A50	CAN26-0012532-0001.C050	Multicolor adhesive plastic sheet
SN51	A51	CAN26-0012532-0001.C051	Multicolor adhesive plastic sheet
SN52	A52	CAN26-0012532-0001.C052	Multicolor adhesive plastic sheet
SN53	A53	CAN26-0012532-0001.C053	Multicolor adhesive plastic sheet
SN54	A54	CAN26-0012532-0001.C054	Multicolor adhesive plastic sheet
SN55	A55	CAN26-0012532-0001.C055	Multicolor adhesive plastic sheet
SN56	A56	CAN26-0012532-0001.C056	Multicolor adhesive plastic sheet

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Verification Result(s):

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified. (Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A2	A3	A4	A5	A6	A7	A8
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	---	BL	BL	BL
PBDE	BL	BL	BL	BL	---	BL	BL	BL
DEHP	BL	BL	BL	BL	---	BL	BL	BL
BBP	BL	BL	BL	BL	---	BL	BL	BL
DBP	BL	BL	BL	BL	---	BL	BL	BL
DIBP	BL	BL	BL	BL	---	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A9	A10	A11	A12	A13	A14	A15	A16
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL

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Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A33	A34	A35	A36	A37	A38	A39	A40
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A41	A42	A43	A44	A45	A46	A47	A48
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	BL	BL	BL	BL	BL	BL	BL	BL
BBP	BL	BL	BL	BL	BL	BL	BL	BL
DBP	BL	BL	BL	BL	BL	BL	BL	BL
DIBP	BL	BL	BL	BL	BL	BL	BL	BL

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Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

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Notes:

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	BL≤(70-3σ)<X<(130+3σ)≤OL	BL≤(70-3σ)<X<(130+3σ)≤OL	LOD<X<(150+3σ)≤OL
Pb	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Br	BL ≤ (300-3σ)< X	Not applicable	BL ≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< X

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is “inconclusive”.

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL= Over Limit, IN (The symbol X marks the region)=Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) below the limits are shown as "BL". Further chemical testing by GC-MS is to be performed if the results exceed limits.

Test Items	CAS No.
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate (DIBP)	84-69-5

(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Hg	Cd	DEHP	BBP	DBP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBB and PBDE is 100 mg/kg,
MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.
MDL of Cr(VI) for metal sample is 0.10 μg/cm^2.

(c) ▼ =Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm^2. 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/cm^2). The coating is considered a non-Cr(VI) based coating

c. The result between 0.10 μg/cm^2 and 0.13 μg/cm^2 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.

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(4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBB/PBDE/DEHP/BBP/DBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.
(5) IEC 62321 series is equivalent to EN 62321 series.

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

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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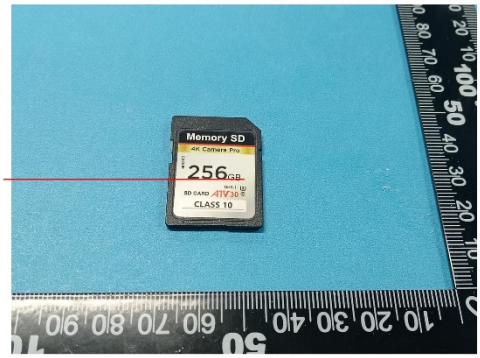
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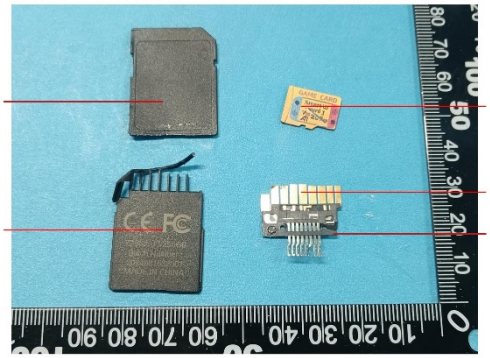
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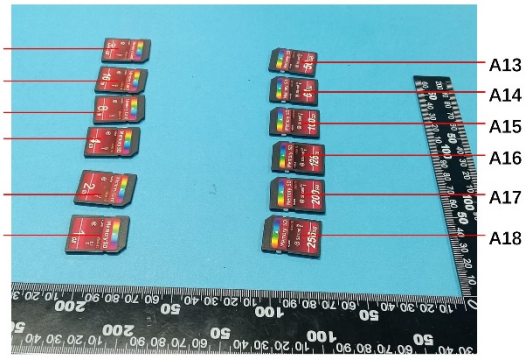
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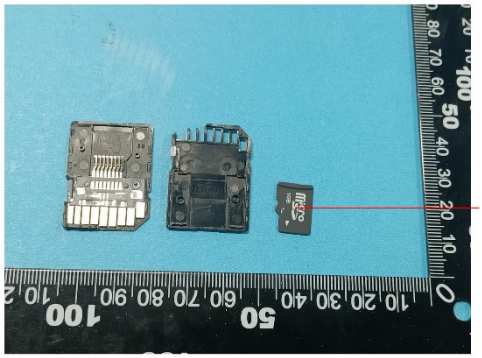
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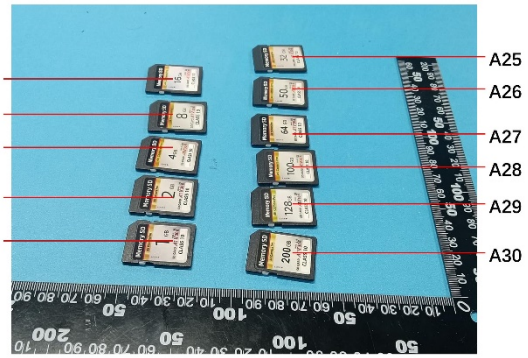






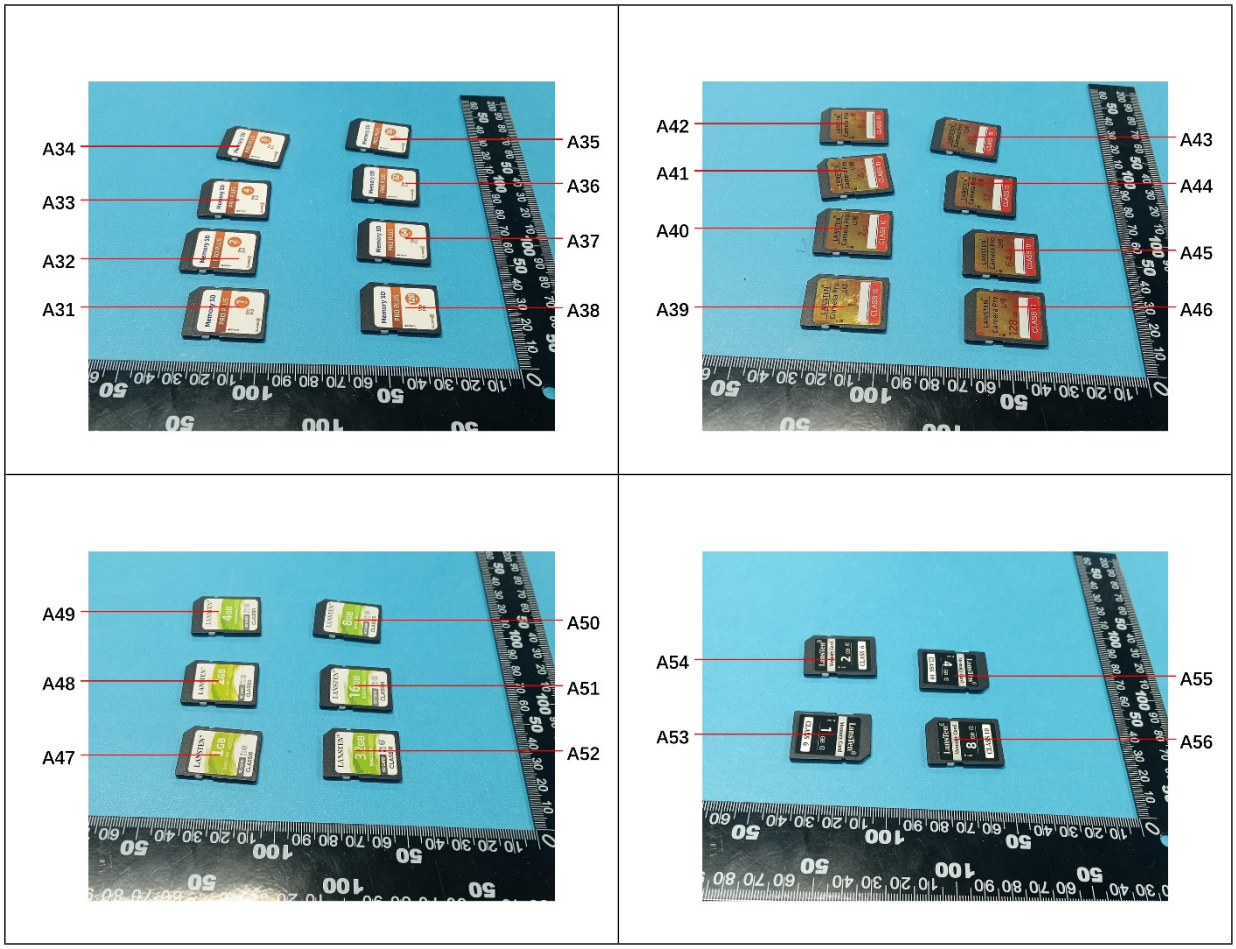






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