



Test Report

No.: CANEC25030712713

Date: Dec 18, 2025

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Client Name: YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD

Client Address: NO. 26 MID PIONEER PARK ROAD, WEIYANG ECONOMIC DEVELOPMENT ZONE,
YANGZHOU, JIANGSU CHINA

Sample Name: Bridge

Client Ref. Information: 1.Tin ball; 3.Molding Compound (halogen Free 1) ; 4.GPP Chip; 5.SKY
Chip; 8.Molding Compound (halogen Free 3) ; 9.Molding Compound
(halogen Free 4) ; 10.Lead Frame/Jumper/Lead Wire; 11.Aluminum
Slice; 26.Solder Paste/Solder Perform/Solder Wire; 38.Molding Compound
(halogen Free 8) ; 39.Molding Compound (halogen Free 9) ; 40.Molding
Compound (halogen Free 10) ; 48.Molding Compound (halogen Free 13)

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

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

Violet Shi
Approved Signatory

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0307127-0001.C001	Silvery metal
SN2	A3	CAN25-0307127-0001.C003	Grey solid
SN3	A4	CAN25-0307127-0001.C004	Multi-color solid
SN4	A5	CAN25-0307127-0001.C005	Multi-color solid
SN5	A8	CAN25-0307127-0001.C008	Grey solid
SN6	A9	CAN25-0307127-0001.C009	Grey solid
SN7	A10	CAN25-0307127-0001.C010	Copper-colored metal
SN8	A11	CAN25-0307127-0001.C011	Silvery /white metal
SN9	A26	CAN25-0307127-0001.C026	Silvery metal wire
SN10	A38	CAN25-0307127-0001.C038	Grey solid
SN11	A39	CAN25-0307127-0001.C039	Grey solid
SN12	A40	CAN25-0307127-0001.C040	Grey solid
SN13	A48	CAN25-0307127-0001.C048	Grey solid

Remarks:

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

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)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A3	A4	A5
Lead (Pb)	1000	mg/kg	2	ND	41357	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND	ND	ND
Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND	ND	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND	ND	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND	ND	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND	ND	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND	ND	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND	ND	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND	ND	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND	ND	ND



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Test Item(s)	Limit
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Test Item(s)	Limit	Unit(s)	MDL	A8	A9	A38
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND	ND	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND	ND	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND	ND	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND	ND	ND
Decabrominated biphenyl (DecaBB)	-					

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Test Item(s)	Limit	Unit(s)	MDL	A39	A40	A48
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND	ND	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND	ND	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND	ND	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND	ND	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND	ND	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND	ND	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND	ND	ND
Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND	ND	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND	ND	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND	ND	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND	ND	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND	ND	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND	ND	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND	ND	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND	ND	ND
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND	ND	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND	ND	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND	ND	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND	ND	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND	ND	ND

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.



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Test Item(s)	Limit	Unit(s)	MDL	A1	A10	A11
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND	ND	ND

Test Item(s)	Limit	Unit(s)	MDL	A26
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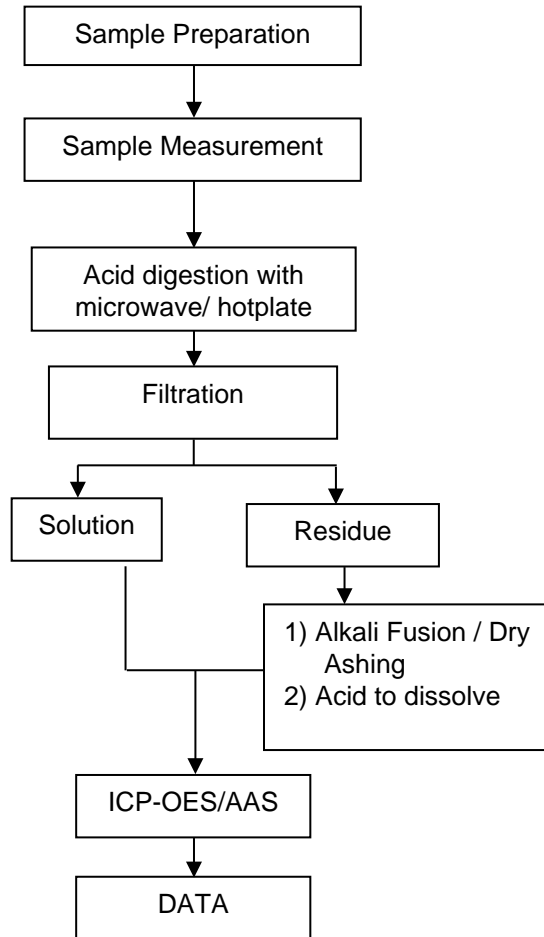
Test Item(s)	Limit	Unit(s)	MDL	A26
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND



ATTACHMENTS

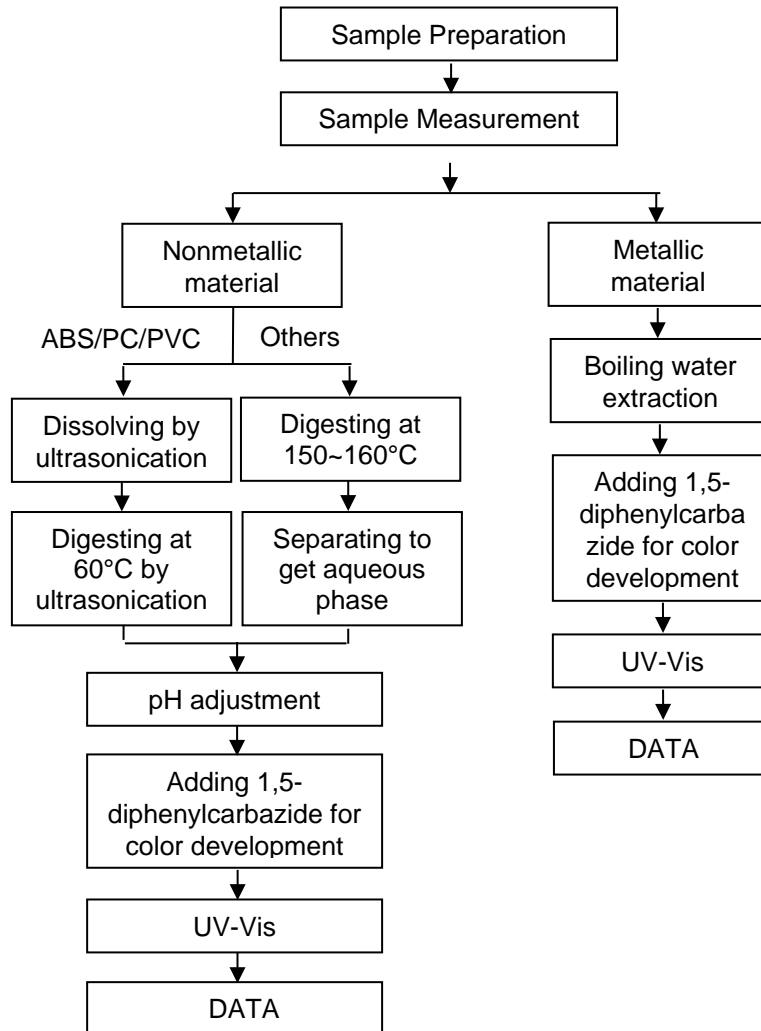
Elements Testing Flow Chart

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



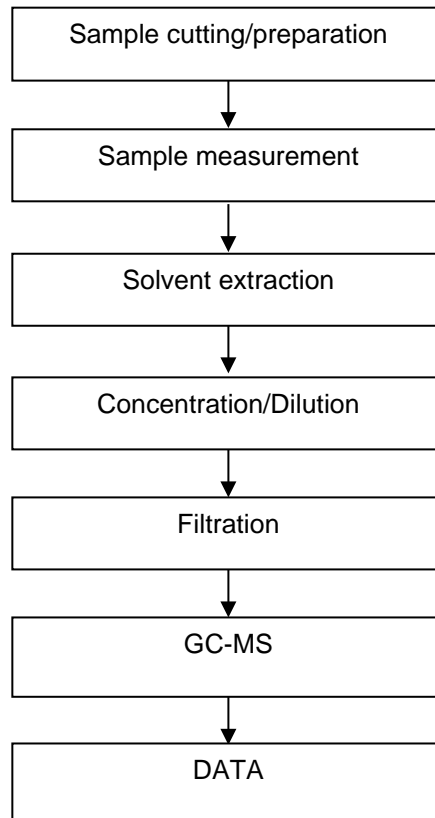


Hexavalent Chromium (Cr(VI)) Testing Flow Chart





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





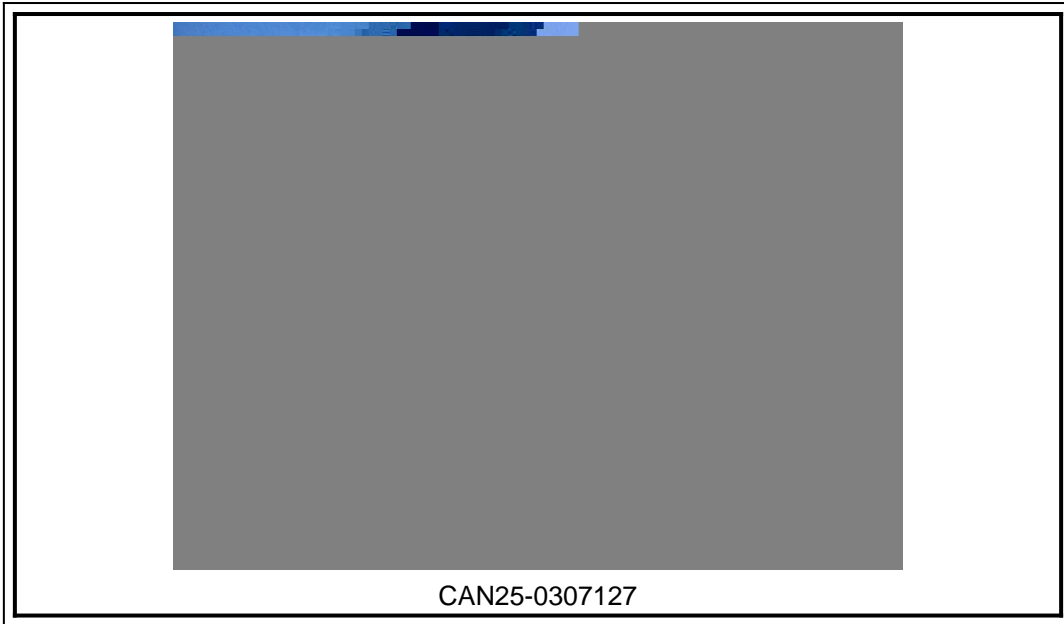
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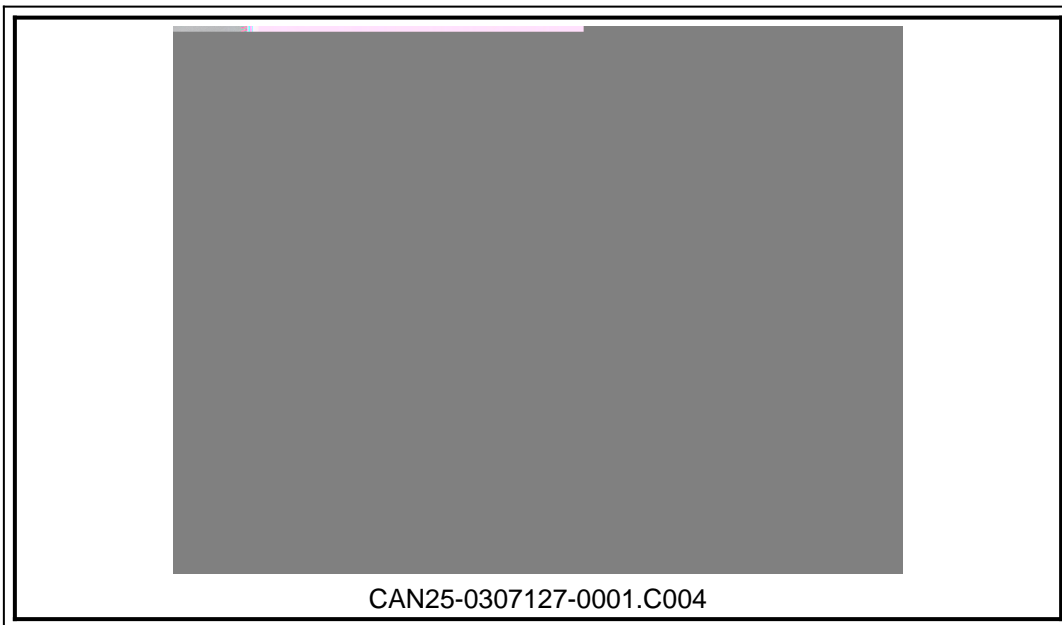
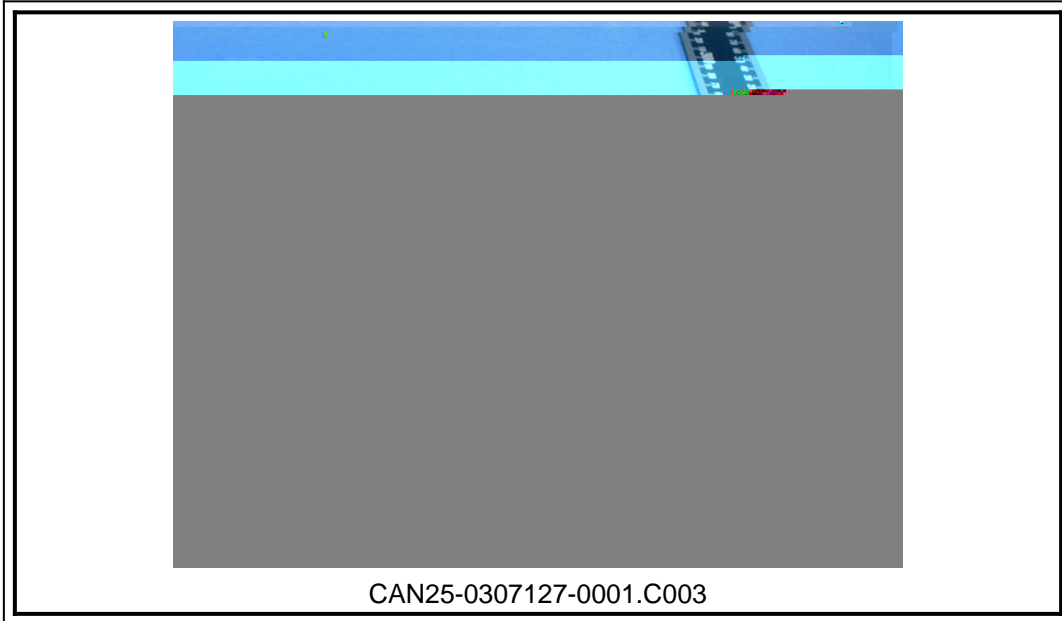


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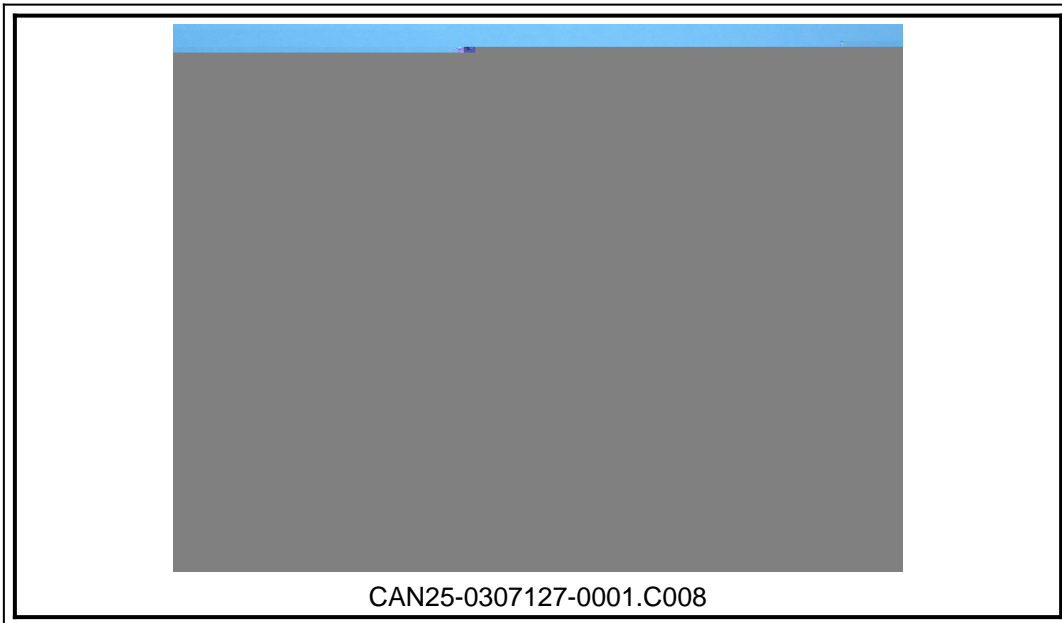
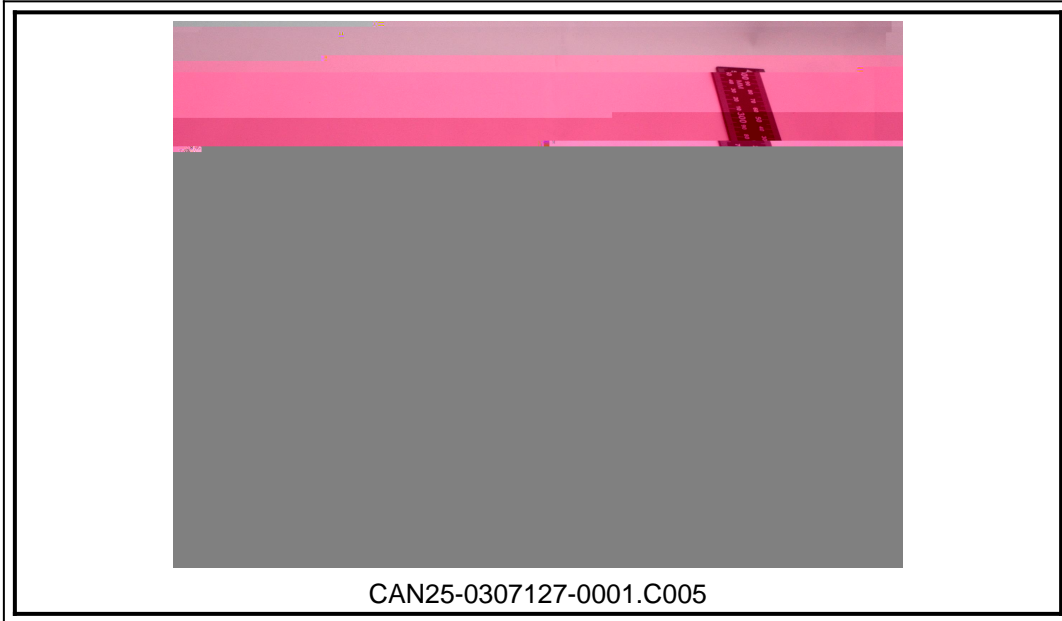


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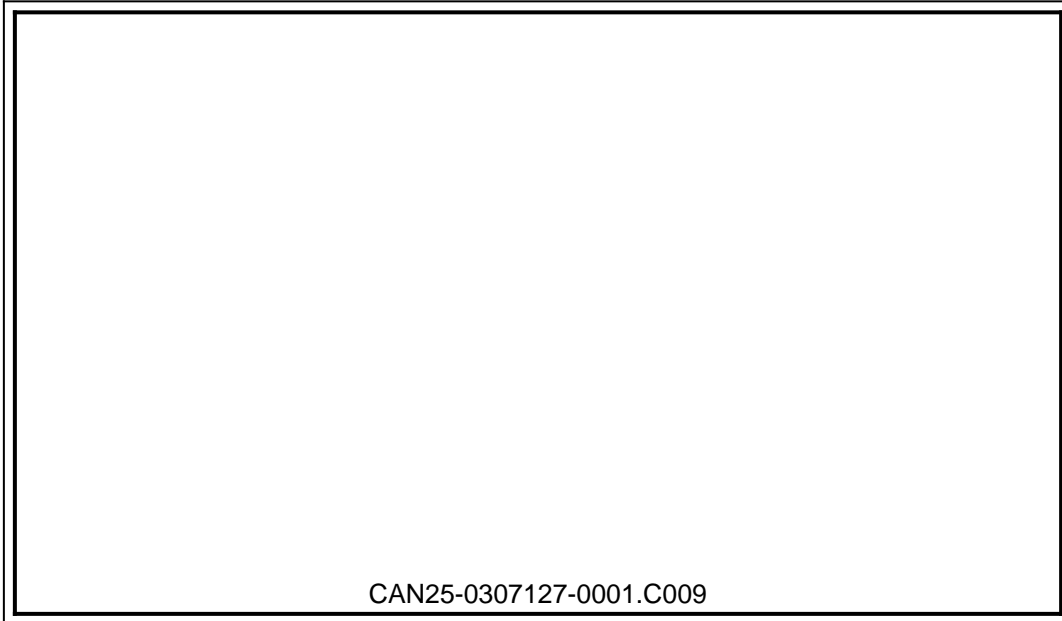


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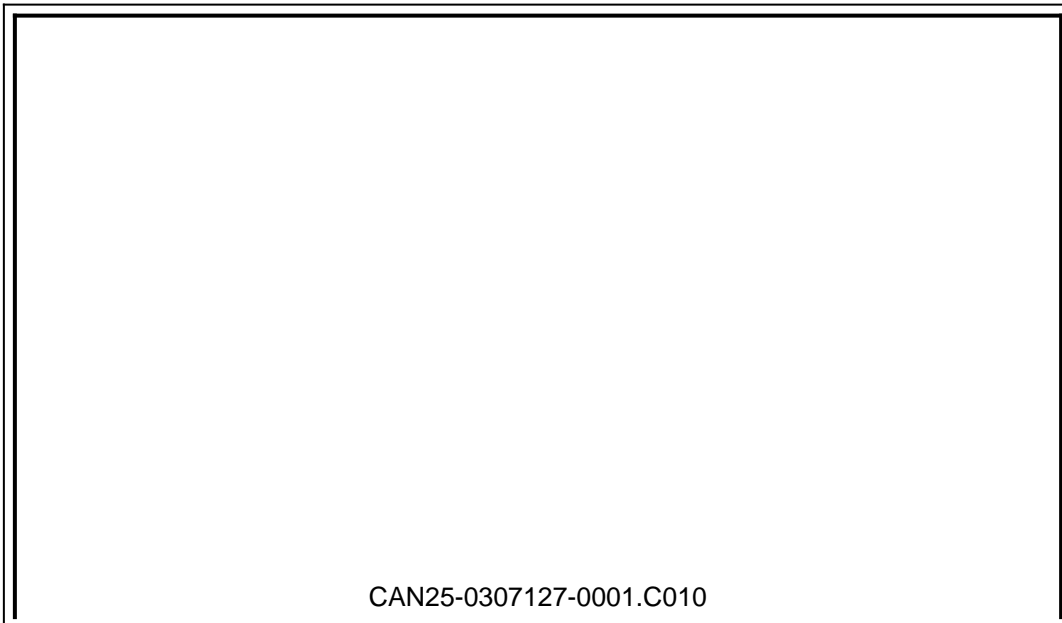
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CAN25-0307127-0001.C010

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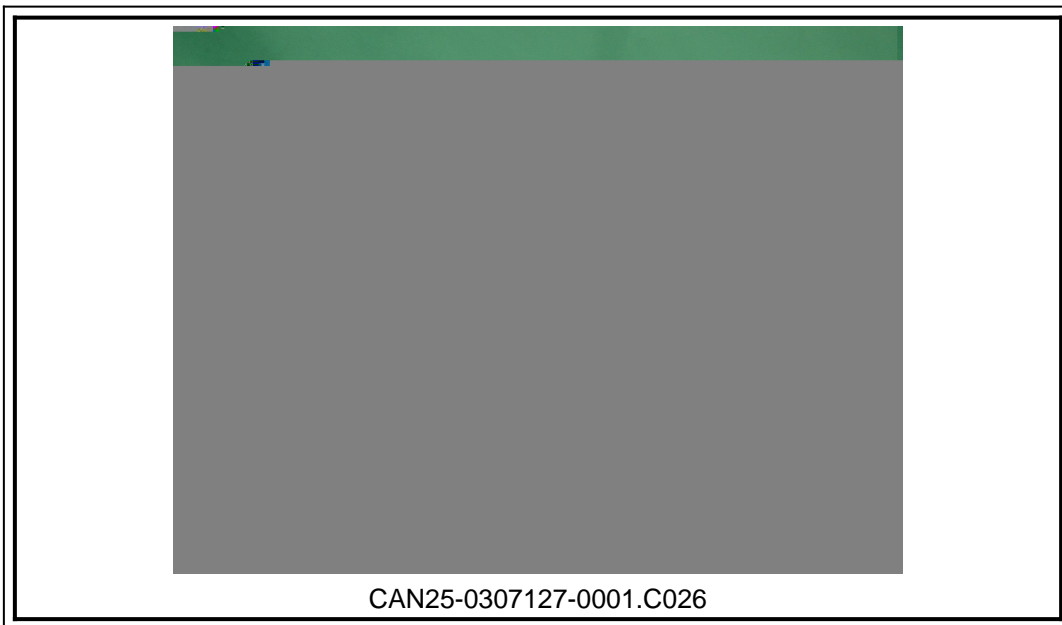
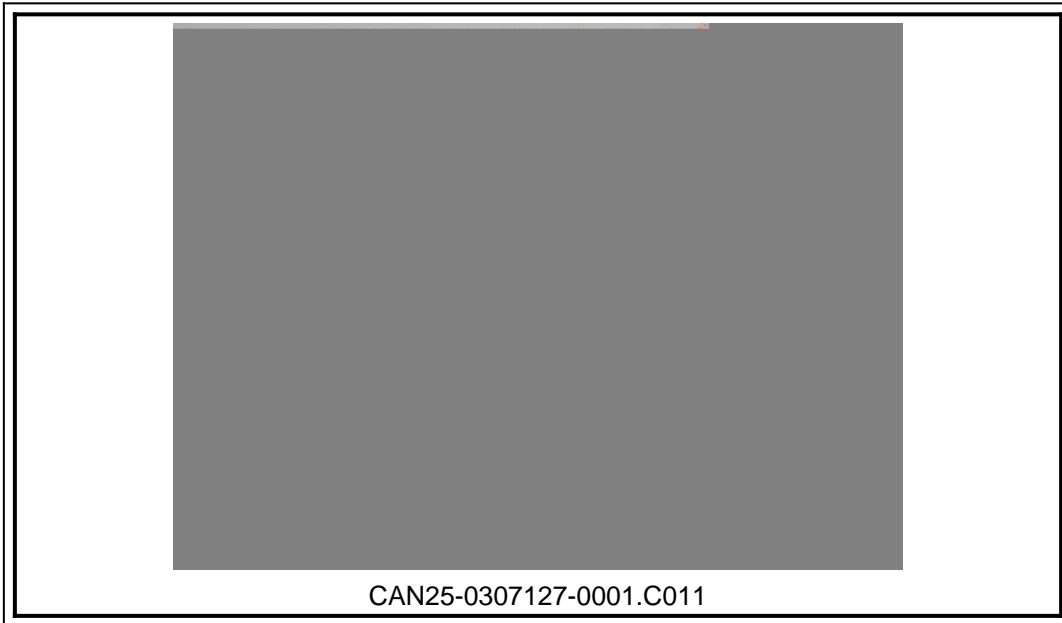


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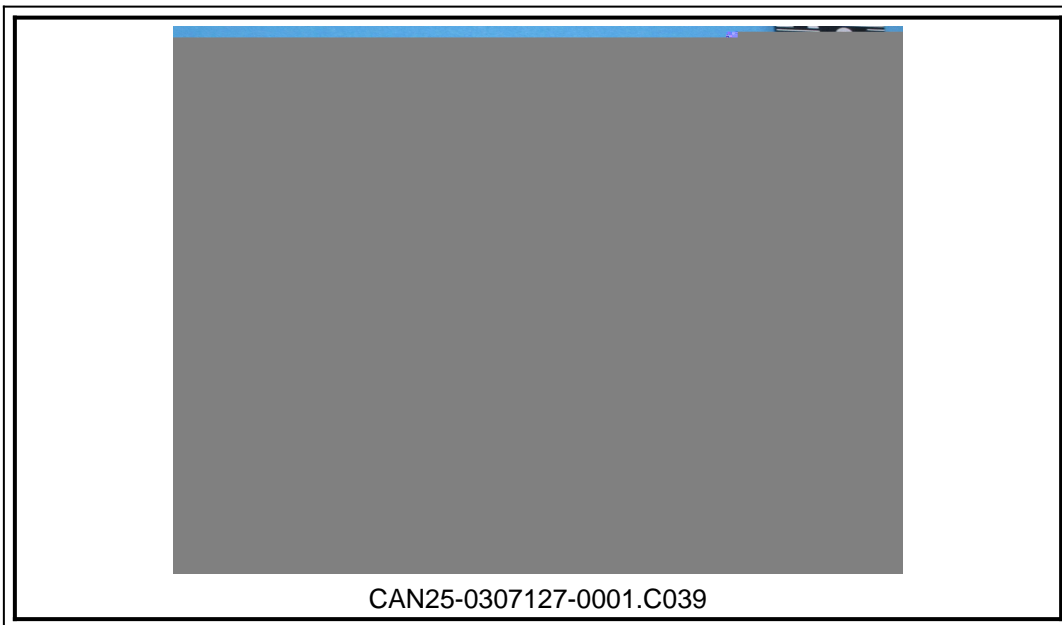
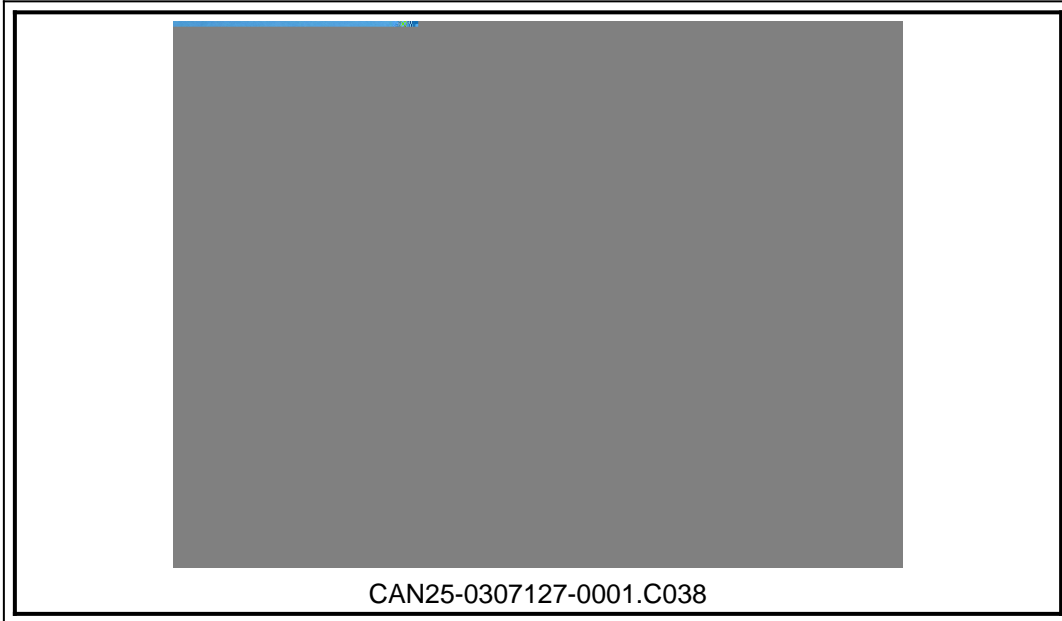


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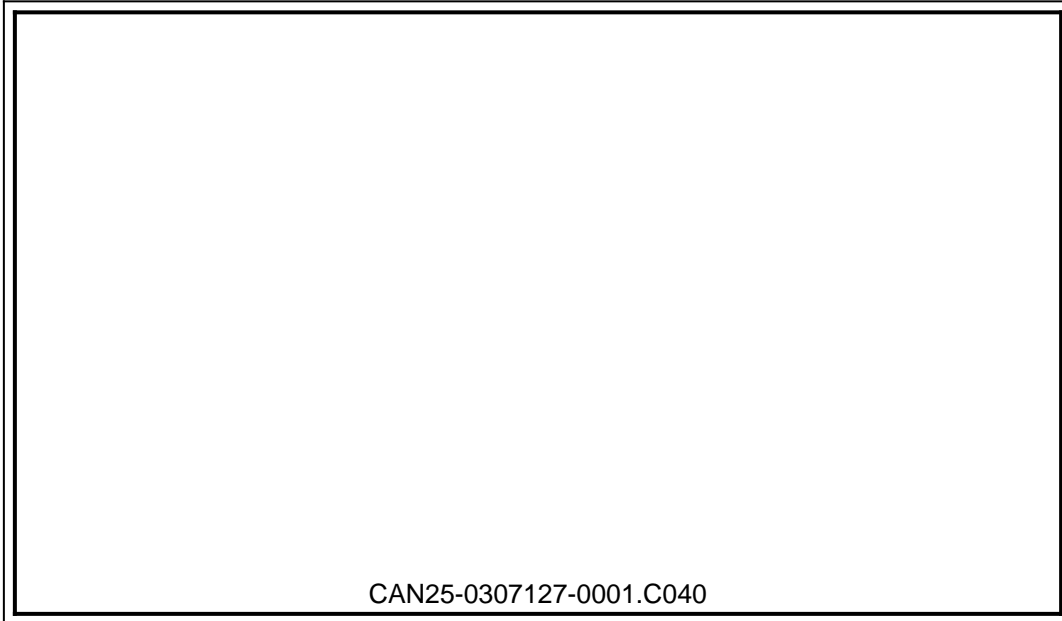


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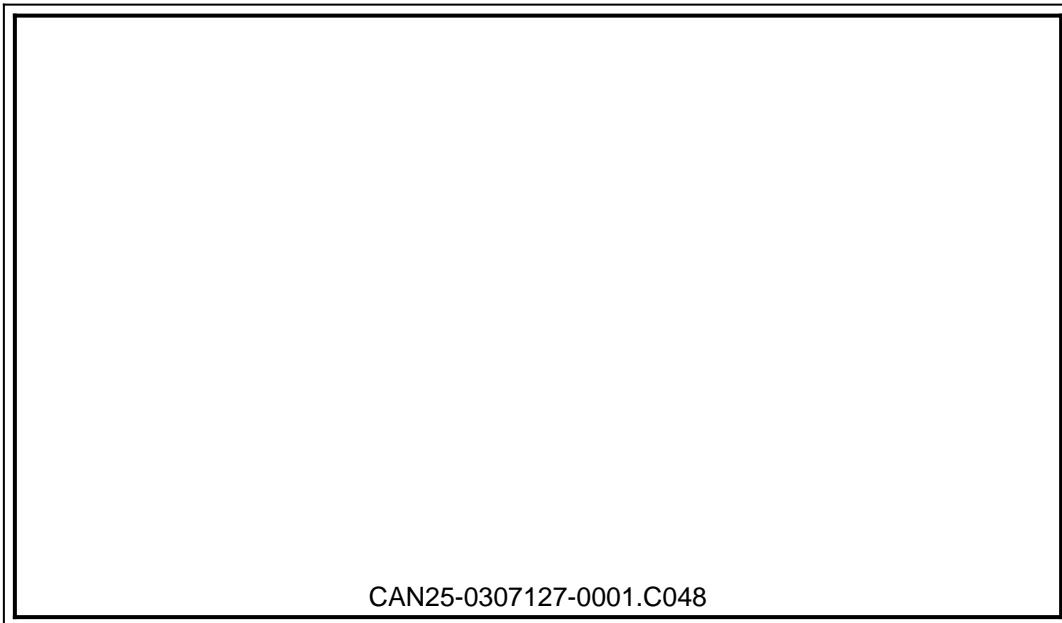
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SGS authenticate the photo on original report only
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