

Test Report No.: TAOEC24010276001 **Date:** Feb 14, 2025 Page 1 of 12

Client Name: Jiangsu DINGS' Intelligent Control Technology Co., LTD

Client Address: No. 2850 Luheng Road, Economic Development Zone, Changzhou, Jiangsu, 213025 China

Sample Name: Stepper Lead Screw Linear Actuator/Stepper Ball Screw Linear Actuator/Linear

Module/Gripper

17E2115Y4-85SNSN-150SZ Tested Basic Model No.:

Tested Extended Model No.: 17N2115Q4-173SMSN-150SZ/17C2115AA4-100SMSN-150SZ/17K2115K4-

100SMSN-150SZ/17E2115BS84-180RNN-030SZ/DLM50-17E2110L4-N-

001SZ/DMEG12-17N2115R4-R-101SZ

Client Ref. Information: E/N/C/K/BS/DLM/DSM/DSLM/DWM/DLG/DMEG

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

SGS Job No.: SHP24-041710 Sample Receiving Date: Jan 10, 2025

Testing Period: Jan 10, 2025 ~ Jan 17, 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
European Regulation POPs (EU) 2024/2570 amending to Regulation (EU)	
2019/1021 Annex I - Alkanes, C ₁₀ -C ₁₃ , chloro (short chain-chlorinated	Pass
paraffins) (SCCPs) and Hexabromocyclododecane (HBCDD) and all major	Fass
diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	

Signed for and on behalf of SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Justin Zhang **Approved Signatory**

Justin 2hang





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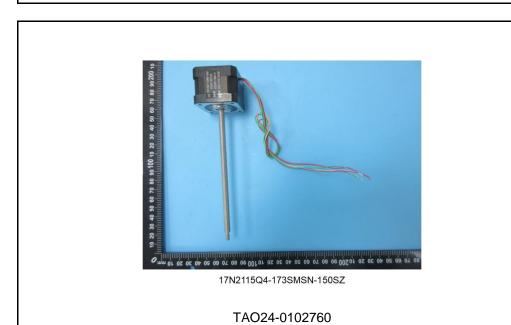
Test Result(s):

Photo of Submitted Sample



17E2115Y4-85SNSN-150SZ

TAO24-0102760





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17C2115AA4-100SMSN-150SZ

TAO24-0102760



17K2115K4-100SMSN-150SZ

TAO24-0102760



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17E2115BS84-180RNN-030SZ

TAO24-0102760





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Test Part Description:

	I		
SN ID	Sample No.	SGS Sample ID	Description
SN1	A2	TAO24-0102760-0001.C002	White plastic
SN2	A3	TAO24-0102760-0001.C003	Black/white plastic(label)
SN3	A6	TAO24-0102760-0001.C006	Silvery plastic(label)
SN4	A7	TAO24-0102760-0001.C007	White plastic
SN5	A9	TAO24-0102760-0001.C009	White plastic
SN6	A19	TAO24-0102760-0001.C019	Green PCB
SN7	A21	TAO24-0102760-0001.C021	Beige plastic
SN8	A23	TAO24-0102760-0001.C023	Green plastic(jacket)
SN9	A24	TAO24-0102760-0001.C024	Green/white plastic
SN10	A25	TAO24-0102760-0001.C025	Red plastic(jacket)
SN11	A26	TAO24-0102760-0001.C026	Red/white plastic(jacket)
SN12	B1	TAO24-0102760-0002.C001	Beige plastic
SN13	C2	TAO24-0102760-0003.C002	White plastic
SN14	C3	TAO24-0102760-0003.C003	Black plastic
SN15	D2	TAO24-0102760-0004.C002	Yellow plastic
SN16	E2	TAO24-0102760-0005.C002	Black plastic
SN17	E4	TAO24-0102760-0005.C004	Blue plastic(jacket)
SN18	E5	TAO24-0102760-0005.C005	Red plastic(jacket)
SN19	E6	TAO24-0102760-0005.C006	Black plastic(jacket)
SN20	E7	TAO24-0102760-0005.C007	Green plastic(jacket)
SN21	E8	TAO24-0102760-0005.C008	Black plastic
SN22	E10	TAO24-0102760-0005.C010	White plastic
SN23	E13	TAO24-0102760-0005.C013	Black rubber



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SN ID	Sample No.	SGS Sample ID	Description
SN24	F4	TAO24-0102760-0006.C004	Beige plastic
SN25	F7	TAO24-0102760-0006.C007	Black plastic
SN26	F9	TAO24-0102760-0006.C009	Yellow plastic
SN27	F12	TAO24-0102760-0006.C012	Beige plastic
SN28	G1	TAO24-0102760-0007.C001	Red plastic(jacket)

Remarks:

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

European Regulation POPs (EU) 2024/2570 amending to Regulation (EU) 2019/1021 Annex I -Alkanes, C₁₀-C₁₃, chloro (short chain-chlorinated paraffins) (SCCPs) and Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)

Test Method: With reference to SGS In-House method, analysis was performed by EDXRF and GC-NCI-MS / GC-ECD / GC-MS.

Conclusion		I	19,119	I	Pass	Pass	Pass
Br	-	-	mg/kg	-	BL	BL	BL
SCCPs	85535-84-8 and others	1500	mg/kg	500	-	ND	-
CI	-	-	mg/kg	-	BL	IN	BL
Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2	A3	A6

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7	A9	A19
CI	-	-	mg/kg	-	BL	BL	IN
SCCPs	85535-84-8 and others	1500	mg/kg	500	-	-	ND
Br	-	-	mg/kg	-	BL	BL	IN
HBCDD	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	75	mg/kg	50	-	-	ND
Conclusion	•		•		Pass	Pass	Pass

Br Conclusion	-	-	mg/kg	-	BL Pass	BL Pass	BL Pass
Cl	-	-	mg/kg	-	BL	BL	BL
Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A21	A23	A24

Br Conclusion	-	-	mg/kg	-	BL Pass	BL Pass	BL Pass
CI	-	-	mg/kg	-	BL	BL	BL
Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A25	A26	B1

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	C2	C3	D2
CI	-	-	mg/kg	-	BL	IN	BL



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	C2	C3	D2
SCCPs	85535-84-8 and others	1500	mg/kg	500	-	ND	-
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion		•			Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	E2	E4	E5
CI	-	ı	mg/kg	ı	BL	IN	IN
SCCPs	85535-84-8 and others	1500	mg/kg	500		ND	ND
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion		Pass	Pass	Pass			

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	E6	E7	E8
CI	-	-	mg/kg	-	IN	IN	IN
SCCPs	85535-84-8 and others	1500	mg/kg	500	ND	ND	ND
Br	-	-	mg/kg	-	BL	BL	IN
HBCDD	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	75	mg/kg	50	-	-	ND
Conclusion	•		•		Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	E10	E13	F4
CI	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion	Conclusion						Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	F7	F9	F12
CI	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G1
CI	-	-	mg/kg	-	IN
SCCPs	85535-84-8 and others	1500	mg/kg	500	ND
Br	-	-	mg/kg	-	BL
Conclusion	Pass				

Notes:

(1) There are the results on total CI while test items on restricted substances are SCCPs and total Br are HBCDD.

Results are obtained by EDXRF for primary screening, (CI: $BL \le (400-3\sigma) < X$, Br: $BL \le (50-3\sigma) < X$), and further chemical testing by GC-NCI-MS / GC-ECD / GC-MS for SCCPs or HBCDD is recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg).

(2) BL = Below Limit, IN = Inconclusive.



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(3) The EDXRF screening test for Br and CI elements, the reading may be different to the actual content in the sample be of non-uniformity composition.

(4) The exemptions laid down for HBCDD shall be reviewed and assessed by the Commission by 1 January 2026.

Based on the material risk assessment results, the selected parts in the sample photos were tested and conclusions were drawn.

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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Sample photos:



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17N2115Q4-173SMSN-150SZ



17C2115AA4-100SMSN-150SZ



17K2115K4-100SMSN-150SZ



17E2115BS84-180RNN-030SZ



DLM50-17E2110L4-N-001SZ



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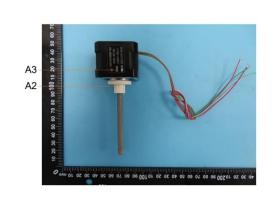
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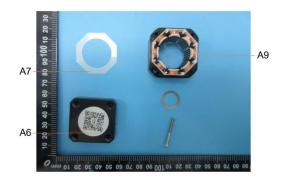


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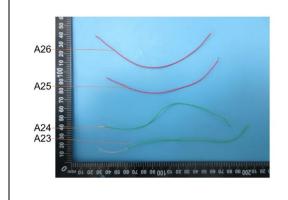


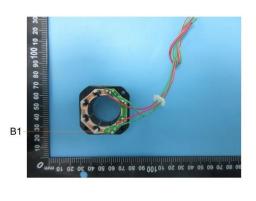
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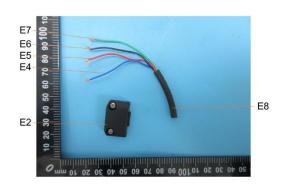
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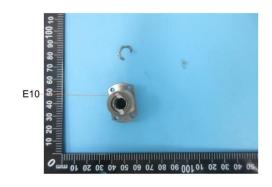
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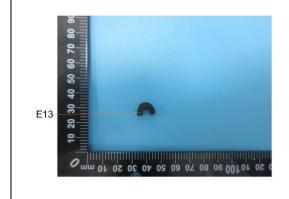


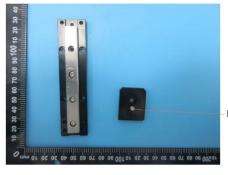


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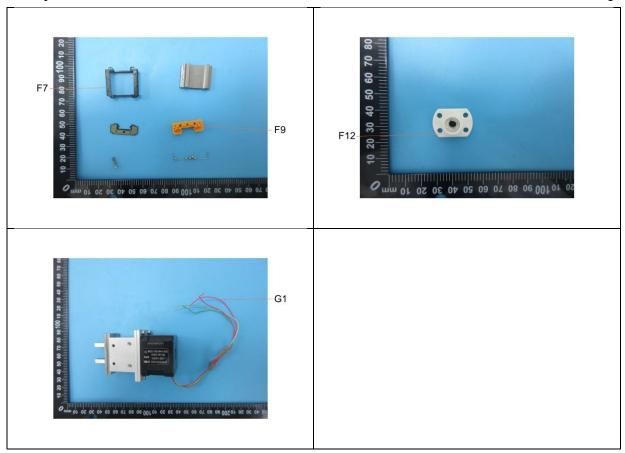
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