



Test Report No. F690101/LF-CTSAYGU24-03659

Issued Date : 2024. 04. 08

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DHSTEEL  
95,Chungjusandan 1-ro  
Chungju-si,Chugnbuk  
Korea



The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No. : AYGU24-03659  
Product Name : SWCH25K(F)  
Item No./Part No. : N/A  
Received Date : 2024. 04. 01  
Test Period : 2024. 04. 01 to 2024. 04. 08  
Test Results : For further details, please refer to following page(s)

SGS Korea Co., Ltd.  
/ Busan Branch

Taehee Kang / Technical Manager

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MQP-708/001-F12 (01)

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Sample No. : AYGU24-03659.001  
Sample Description : SWCH25K(F)  
Item No./Part No. : N/A  
Materials : N/A

## Heavy Metals

| Test Items                    | Unit               | Test Method  | MDL | Results |
|-------------------------------|--------------------|--|-----|---------|
| Cadmium (Cd)                  | mg/kg              | With reference to IEC 62321-5 : 2013, by ICP-OES           | 0.5 | N.D.    |
| Lead (Pb)                     | mg/kg              | With reference to IEC 62321-5 : 2013, by ICP-OES           | 5   | N.D.    |
| Mercury (Hg)                  | mg/kg              | With reference to IEC 62321-4 : 2013+A1 : 2017, by ICP-OES | 2   | N.D.    |
| Hexavalent Chromium (Cr VI) * | µg/cm <sup>2</sup> | With reference to IEC 62321-7-1 : 2015, by UV-Vis          | 0.1 | N.D.    |

- NOTE: (1) N.D. = Not detected.(<MDL)  
(2) mg/kg = ppm  
(3) µg/kg = ppb  
(4) MDL = Method Detection Limit  
(5) - = No regulation  
(6) Negative = Undetectable / Positive = Detectable  
(7) \*\* = Qualitative analysis (No Unit)  
(8) \* = a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 ug/cm2. The sample coating is considered to contain CrVI.  
b. The sample is negative for CrVI if CrVI is n.d. (concentration less than 0.10 ug/cm2). The coating is considered a non-CrVI based coating.  
c. The result between 0.10 ug/cm2 and 0.13 ug/cm2 is considered to be inconclusive - unavoidable coating variations may influence the determination.

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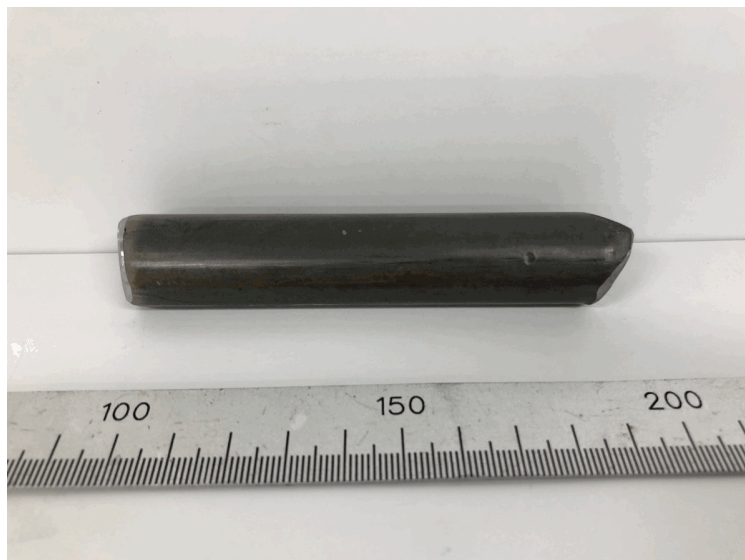
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Picture of Sample as Received:


**AYGU24-03659.001**

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### Testing Flow Chart for RoHS: Cd/Pb/Hg/Cr<sup>6+</sup> Testing



The samples were dissolved totally at the acid digestion step of the above flow chart for Cd,Pb,Hg  
 Section Chief : Taehee Kang

\*\*\* End of Report \*\*\*