



TEST REPORT

Report No. 010224010163

DATED: 07 FEBRUARY 2024

Client : SALAMANDER JEWELRY CO., LTD.
128/1 MOO 7, SOI WAT NAKHON CHUENCHUM,
PHUTTHAMONTHON SAI 4 RD,
TAMBON KRATUMLOM, AMPUR SAMPRAN,
NAKHON PATHOM 73220, THAILAND

Sample Description : SCR 1163 16.OM

Item No. : /

SKU No. : /

Model / Style : /

Color : /

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED ON 29/01/2024

Test Period : FROM 29/01/2024 TO 06/02/2024

| TEST REQUESTED | CONCLUSION | REMARK |
|---|------------|--------|
| NICKEL RELEASE - EC NO. 1907/2006 REACH ANNEX XVII ENTRY 27 | DATA | - |

For technical enquiries or any other concerns,
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SAMPLE PHOTO



ENABLING TRUST IN A CHANGING WORLD



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TEST RESULT(S):

Nickel Release – EC no. 1907/2006 Annex XVII, Entry 27

Test Method : Type I : Reference to EN 1811: 2023
Type II : Reference to EN 12472: 2020 and EN 1811: 2023

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1 | Stainless Steel SCR 1163 16.OM |

| | |
|---------|---|
| Limit : | Product shall meet below Nickel limit ($\mu\text{g}/\text{cm}^2$ /week) - Post assemblies [<0.2 (<0.35)] or - Direct & prolonged skin contact [≤ 0.5 (< 0.880)] () = Combined MU included |
|---------|---|

| Test item (s) | Test Method(s) | Trial | Surface area (cm^2) | Vol. of test sol. (ml) | Result(s) | | Conclusion |
|---------------|----------------|-------|--------------------------------|------------------------|-------------------------------------|---|------------|
| | | | | | Nickel (Ni) $\mu\text{g}/\text{ml}$ | Nickel (Ni) $\mu\text{g}/\text{cm}^2$ /week | |
| 1 | I | 1 | 7.92 | 7.92 | ND | ND | DATA |
| | | | | | ND | ND | |

Note / Key :

ND = Not detected
 $\mu\text{g}/\text{cm}^2$ /week = microgram(s) per square centimeter pre week
 Detection Limit: 0.02 $\mu\text{g}/\text{mL}$

">" = Greater than
 "NR" = Not requested
 " \leq " = Less than or equal to

Remark :

- According to European Standard EN 1811: 2023, Section 9.2.2.2 & 9.2.2.3, post assemblies Test Item(s) with nickel release not exceeding 0.35 $\mu\text{g}/\text{sq. cm}$ / week and direct and prolonged skin contact Test Item(s) with nickel release not exceeding 0.88 $\mu\text{g}/\text{sq. cm}$ / week should be concluded as pass when the combined expanded measurement uncertainty of 46 % was considered.
- Owing to insufficient sample provided from client, it is not feasible to perform three trials for Test Item(s) as required by European Standard EN 1811: 2023, Section 8.4.4

END OF REPORT

This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.