



TEST REPORT

Report No. 010225020205

DATED: 14 MARCH 2025

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 : RGB-1.6-5

Item No. : /

SKU No. : /

Model / Style : /

Color : /

Manufacturer : /

Country of Origin : /

Country of Destination : /

Test Sample Received : RECEIVED ON 24/02/2025

Test Period : FROM 24/02/2025 TO 14/03/2025

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

For technical enquiries or any other concerns,
please contact:

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PREPARED BY:

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CHEMICAL TEST ENGINEER

APPROVED BY:

ALEX LAU
TECHNICAL DIRECTOR

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Singapore 349245

SAMPLE PHOTO





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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	RGB-1.6-5

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
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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	0.636	5	ND	ND	DATA
					ND	ND	
		2	0.636	5	ND	ND	
					ND	ND	

Note:

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. Even single test result, sample size was not sufficient and violate EN 1811:2023, continuous testing by client request.

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.