Chow Sang Sang Jewellery Co. Ltd. - Chow Sang Sang Precious Metal Laboratory
周生生珠寶金行有限公司 - 周生生貴金屬化驗所

ADDRESS : Flat A6, Block A, 2/F., Hong Kong Industrial Centre,
地址 489-491 Castle Peak Road, Kowloon, Hong Kong
香港九龍青山道489-491號香港工業中心A座二樓A6室

ENQUIRY : Mr Pitar LI Chi-ho
查詢 李志豪先生

TELEPHONE : 2173 2584
電話

FAX : 2370 3718
傳真

E-MAIL : li.chi.ho.8223@chowsangsang.com
電郵

WEBSITE ADDRESS : www.chowsangsang.com
網址

CLIENTELE : Public
服務對象 公眾

Chow Sang Sang Jewellery Co. Ltd. - Chow Sang Sang Precious Metal Laboratory
周生生珠寶金行有限公司 – 周生生貴金屬化驗所

ADDRESS **地址**	:	Flat A6, Block A, 2/F., Hong Kong Industrial Centre, 489-491 Castle Peak Road, Kowloon, Hong Kong 香港九龍青山道 489-491 號香港工業中心 A 座二樓 A6 室
ACCREDITED TEST CATEGORY **認可測試類別**	:	Calibration Services 校正服務 Chemical Testing 化學測試

Chow Sang Sang Jewellery Co. Ltd. - Chow Sang Sang Precious Metal Laboratory
周生生珠寶金行有限公司 – 周生生貴金屬化驗所
Flat A6, Block A, 2/F., Hong Kong Industrial Centre, 489-491 Castle Peak Road, Kowloon, Hong Kong
香港九龍青山道 489-491 號香港工業中心 A 座二樓 A6 室

Calibration Services 校正服務

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED[@] 特定測試或量度的特性[@]	CALIBRATION AND MEASUREMENT CAPABILITY (CMC)* 校準和測量能力*
Mass and related quantities		
- Weight and balance		
- Electronic balance	On-site calibration for mass using OIML Class E2 weights from 1 mg to 1 kg in accordance with in-house procedure CSSPML-IR-7.2-WI-1 over the following ranges:	
	1 mg to 0.5 g	0.007 mg to 0.03 mg
	above 0.5 g to 5 g	0.03 mg to 0.06 mg
	above 5 g to 50 g	0.06 mg to 0.16 mg
	above 50 g to 500 g	0.16 mg to 2.0 mg
	above 500 g to 1.2 kg	2.0 mg to 13 mg
	On-site calibration for mass using OIML Class F1 weights from 1 mg to 16 kg in accordance with in-house procedure CSSPML-IR-7.2-WI-1 over the following ranges:	
	1 mg to 10 g	0.03 mg to 2 mg
	above 10 g to 200 g	2 mg to 20 mg
	above 200 g to 1 kg	20 mg to 100 mg
	above 1 kg to 16 kg	100 mg to 540 mg
- Volume		
- Single channel piston-operated pipette	Calibration for the contained or delivered volume in accordance with ISO 8655-6: 2022 and verification for maximum permissible systematic error and random error as specified in ISO 8655-2: 2022	
	1 µL to 10 µL	0.08 µL
	10 µL to 100 µL	0.5 µL to 2.2 µL
	above 100 µL to 500 µL	2.2 µL to 3.0 µL
	above 500 µL to 1 mL	3.0 µL to 8.6 µL
	above 1 mL to 5 mL	8.6 µL to 87 µL

@ UNLESS OTHERWISE SPECIFIED, ACCREDITED ACTIVITIES ARE CONDUCTED AT THE LABORATORY.

* THE CALIBRATION UNCERTAINTY OF A DEVICE UNDER TEST IS USUALLY REPORTED AT 95% CONFIDENCE LEVEL AND DEPENDS ON BOTH THE CMC OF THE LABORATORY AND THE PERFORMANCE OF THE DEVICE DURING CALIBRATION.

Chow Sang Sang Jewellery Co. Ltd. - Chow Sang Sang Precious Metal Laboratory
周生生珠寶金行有限公司 – 周生生貴金屬化驗所
Flat A6, Block A, 2/F., Hong Kong Industrial Centre, 489-491 Castle Peak Road, Kowloon, Hong Kong
香港九龍青山道 489-491 號香港工業中心 A 座二樓 A6 室

Chemical Testing 化學測試

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED@ 特定測試或量度的特性@	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Gold and gold alloys	Fineness	ISO 11426: 2014 ISO 11426: 2021
	Fineness (by difference method) Impurities: Silver, Bismuth, Cadmium, Cobalt, Copper, Iron, Iridium, Manganese, Nickel, Lead, Palladium, Platinum, Rhodium, Ruthenium, Tin, Titanium, and Zinc	ISO 15093: 2015
	Fineness (by difference method) Impurities: Silver, Aluminum, Arsenic, Bismuth, Cadmium, Cobalt, Chromium, Copper, Iron, Gallium, Indium, Iridium, Magnesium, Manganese, Nickel, Lead, Palladium, Platinum, Rhodium, Ruthenium, Antimony, Selenium, Silicon, Tin, Tellurium, Titanium, Thallium, Tungsten, Zinc and Zirconium	ISO 15093: 2020
High purity gold in the form of ingots and granules ***<Excluding the following>*** Gold jewellery, accessories, investment gold bars and other derivatives	Gold content (by difference method) Impurities: Silver, Copper, Bismuth, Antimony, Palladium, Arsenic, Nickel, Manganese, Cadmium, Platinum, Rhodium, Iridium and Titanium	GB/T 25933-2010 Cl. 3.1.1 and Cl. 3.1.2 *Test procedure for compliance testing:* GB/T 25934.2-2010
	Iron, Lead, Silicon, Magnesium, Tin, Chromium, Aluminum and Zinc	GB/T 25934.3-2010 (with modification)

Chow Sang Sang Jewellery Co. Ltd. - Chow Sang Sang Precious Metal Laboratory
周生生珠寶金行有限公司 – 周生生貴金屬化驗所
Flat A6, Block A, 2/F., Hong Kong Industrial Centre, 489-491 Castle Peak Road, Kowloon, Hong Kong
香港九龍青山道 489-491 號香港工業中心 A 座二樓 A6 室

Chemical Testing 化學測試		
ITEM TESTED OR MEASURED 測試或量度項目	**SPECIFIC TEST OR PROPERTY MEASURED@** 特定測試或量度的特性@	**SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED** 規範、標準方法或應用技術
Platinum and platinum alloys	Fineness (by difference method) Impurities: Silver, Gold, Bismuth, Cadmium, Cobalt, Copper, Iron, Iridium, Manganese, Nickel, Lead, Palladium, Rhodium, Ruthenium, Tin, Titanium and Zinc	ISO 15093: 2015
	Fineness (by difference method) Impurities: Silver, Aluminum, Arsenic, Gold, Bismuth, Cadmium, Cobalt, Chromium, Copper, Iron, Gallium, Indium, Iridium, Magnesium, Manganese, Molybdenum, Nickel, Phosphorus, Lead, Palladium, Rhodium, Ruthenium, Antimony, Selenium, Silicon, Tin, Tantalum, Tellurium, Titanium, Thallium, Tungsten, Zinc and Zirconium	ISO 15093: 2020
	Fineness	In-house Method PML/JPA/TC2 In-house Method PML/JPA/TC4
Silver and silver alloys	Fineness	ISO 11427: 2014