

Name: Shandong Institute of Metrology

Address: No. 6, 3/F., Building B, Qilu Gold Jewelry Trading Center, No.117, Daqiao Road, Licheng District, Jinan, Shandong, China

Registration No. CNAS L0854

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2024-07-17    Expiry Date: 2030-02-03

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
1	Gems	1	Appearance	Gems-Testing GB/T 16553-2017 4.1.1		2023-12-27
		2	Magnification	Gems-Testing GB/T 16553-2017 4.1.2		2023-12-27
		3	Refractive Index、 Birefringence	Gems-Testing GB/T 16553-2017 4.1.3		2023-12-27
		4	Optical character	Gems-Testing GB/T 16553-2017 4.1.4		2023-12-27
		5	Pleochroism	Gems-Testing GB/T 16553-2017 4.1.5		2023-12-27
		6	Ultraviolet Fluorescence	Gems-Testing GB/T 16553-2017 4.1.6		2023-12-27
		7	Total Weight	Gems-Testing GB/T 16553-2017 4.1.7		2023-12-27
		8	Density	Gems-Testing GB/T 16553-2017 4.1.8		2023-12-27



No. CNAS L0854

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	Infrared Spectrum	Gems-Testing GB/T 16553-2017 4.1.9		2023-12-27
		10	UV-Vis-NIR Absorption Spectrum	Gems-Testing GB/T 16553-2017 4.1.10		2023-12-27
		11	Thermal Conductivity	Gems-Testing GB/T 16553-2017 4.1.11		2023-12-27
		12	Thermal Reaction	Gems-Testing GB/T 16553-2017 4.1.12		2023-12-27
		13	Chemical Reaction	Gems-Testing GB/T 16553-2017 4.1.13		2023-12-27
		14	Mohs Hardness	Gems-Testing GB/T 16553-2017 4.1.14		2023-12-27
		15	Component Analysis	Gems-Testing GB/T 16553-2017 4.1.17		2023-12-27
		16	Luminescence Image Analysis	Gems-Testing GB/T 16553-2017 4.1.18		2023-12-27
		17	Luminescence Spectroscopy	Gems-Testing GB/T 16553-2017 4.1.19		2023-12-27
2	Diamond	1	Color	Diamond Grading GB/T 16554-2017 4		2023-12-27
		2	Clarity	Diamond Grading GB/T 16554-2017 5		2023-12-27
		3	Cut	Diamond Grading GB/T 16554-2017 6	Accredited only for set diamond	2023-12-27
		4	Carat	Diamond Grading GB/T 16554-2017 7		2023-12-27
3	Precious metal	1	Weight	Provision of permissible errors for measurement of precious metals adornment mass QB/T 1690-2021		2023-12-27



No. CNAS L0854

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Precious metal content	Jewelry–Determination of Precious metal content Method using X-ray fluorescence spectrometry GB/T 18043-2013		2023-12-27

CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT  
SCHEDULE OF ACCREDITATION CERTIFICATE



No. CNAS L0854

在线扫码获取验证