



CERTIFICATE OF ANALYSIS

Product Name: Surgical Blades(carbon steel)				Standard Applied: SHXB20160062&YY 0174-2019		
Sizes: 11#		LOT: 24108	MFG: 202408	EXP: 202908	QTY: 120000PCS	
Standard	Items	Inspection Items	Test	Sampling quantity	Defects Quality	Result
2.1	Measures	δ : 0.37mm-0.42mm	0.40mm-0.41mm	10 pcs	0	Pass
		b : 1.18 mm— 1.23 mm	1.20mm-1.21mm			
		b1:2.43mm—2.48 mm	2.44mm-2.45mm			
		L1: 17.83 mm—17.90mm	17.87mm-17.89mm			
		L2: 4.50mm—4.65mm	4.58mm-4.61mm			
2.2.1	Roughness	Blade $\leq$ 0.4 μ m Edge $\leq$ 0.8 μ m	0.4 0.8	10 pcs	0	Pass
2.2.2	Edge	no leaks, rolls, or cracks on both edges	good		0	Pass
2.2.3	Edge Surface	edge width is similar	good	10 pcs	0	Pass
2.2.4	Blade Surface	Smooth, no spots,folds or cracks on surface	good		0	Pass
2.2.5	Packing	Packing mark is clear	good		0	Pass
4.3	Sharpness	$\leq$ 0.80N	0.6	10 pcs	0	Pass
4.4	Hardness	$\geq$ 750HV ₁₀	792 HV ₁₀		0	Pass
2.4.2	Flexibility	Good flexibility, not out of shape after test	good		0	Pass
4.6	Antirust	Good antirust performance, no rust spot	good	10 pcs	0	Pass
4.7	Sterilization	Blade is sterilized after irradiation	good	21 pcs	0	Pass

Final Result: ☒ Acceptable ☐ Unacceptable

Inspector: Liu Mei

Auditor: Wang Yuanyuan

Date:2024.09.10

