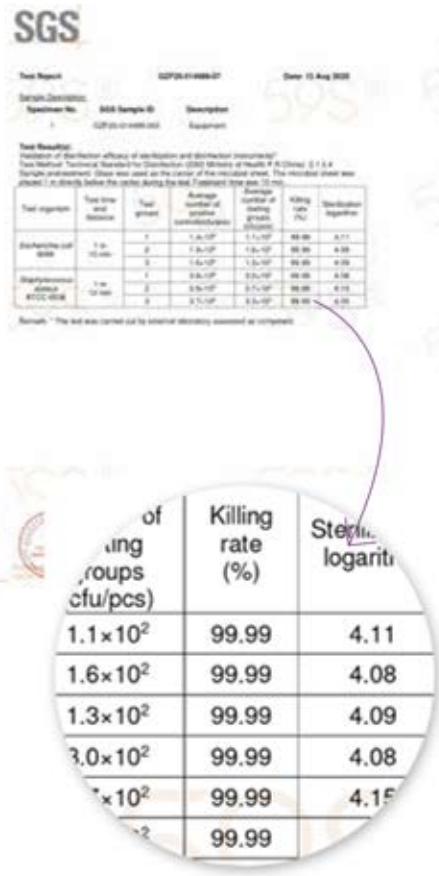Certificación de efectividad