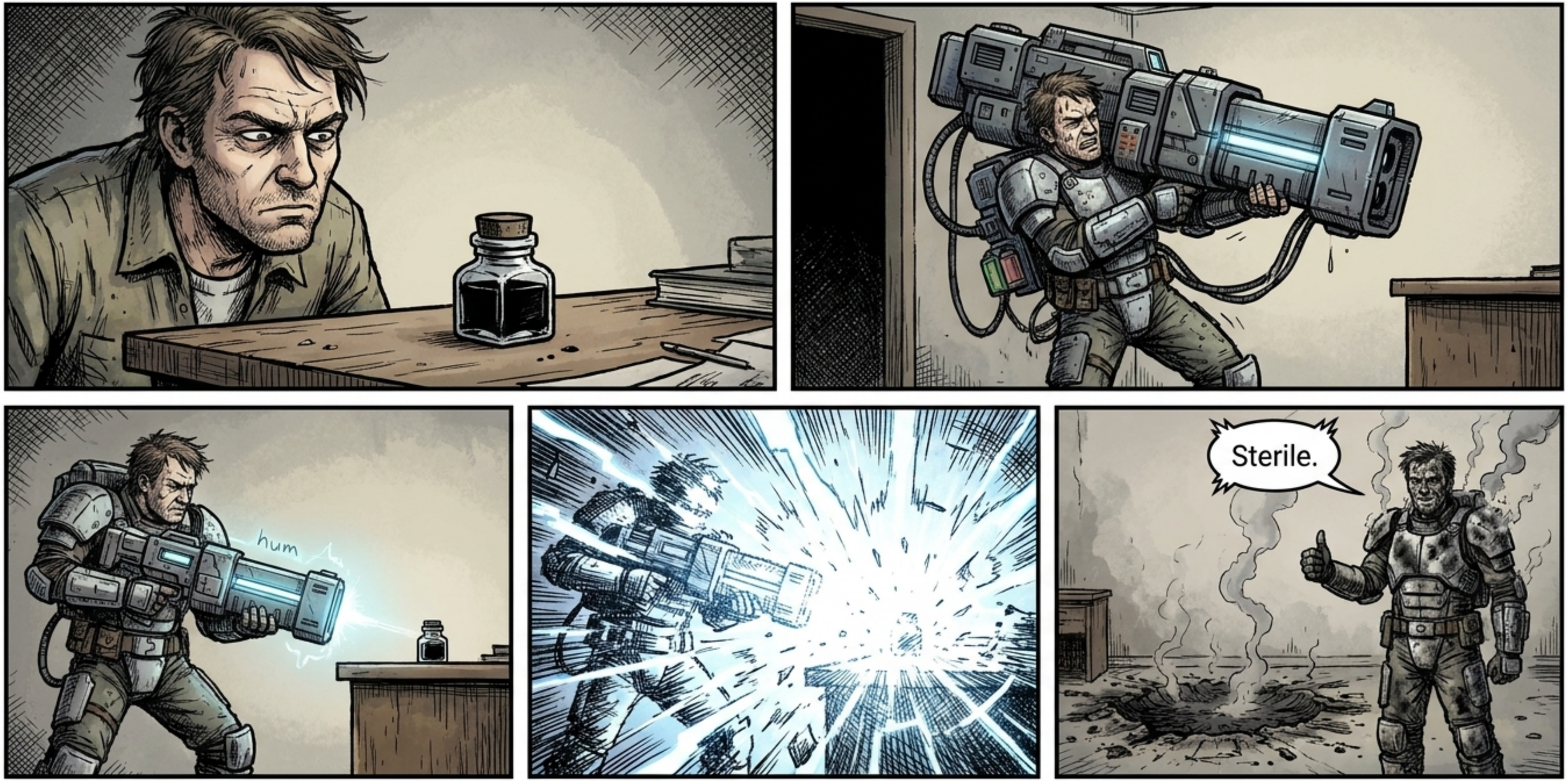

Sterilization methods must be validated to ensure they do not create deleterious substances in the finished product.
Total molecular annihilation is generally considered overzealous.