

10% Neutral Buffered Formalin - Preparation Worksheet

Use the manufacturer formula or locally approved SOP. This worksheet supports calculation and documentation; it is not a standalone recipe.

Field	Entry
Target final volume	
Formalin stock concentration / supplier	
Approved formula / SOP number	
Calculated stock volume	
Buffer components and amounts	
Final pH acceptance range	
Measured pH	
Lot / preparation date / expiration	
Prepared by / verified by	

Calculation check

Volume of stock = (target concentration x final volume) / stock concentration. Confirm units and the actual stock concentration on the container label.

Safety

Prepare in a chemical hood with required PPE. Formaldehyde is hazardous; follow the SDS, exposure-control plan, spill procedure, and waste rules.