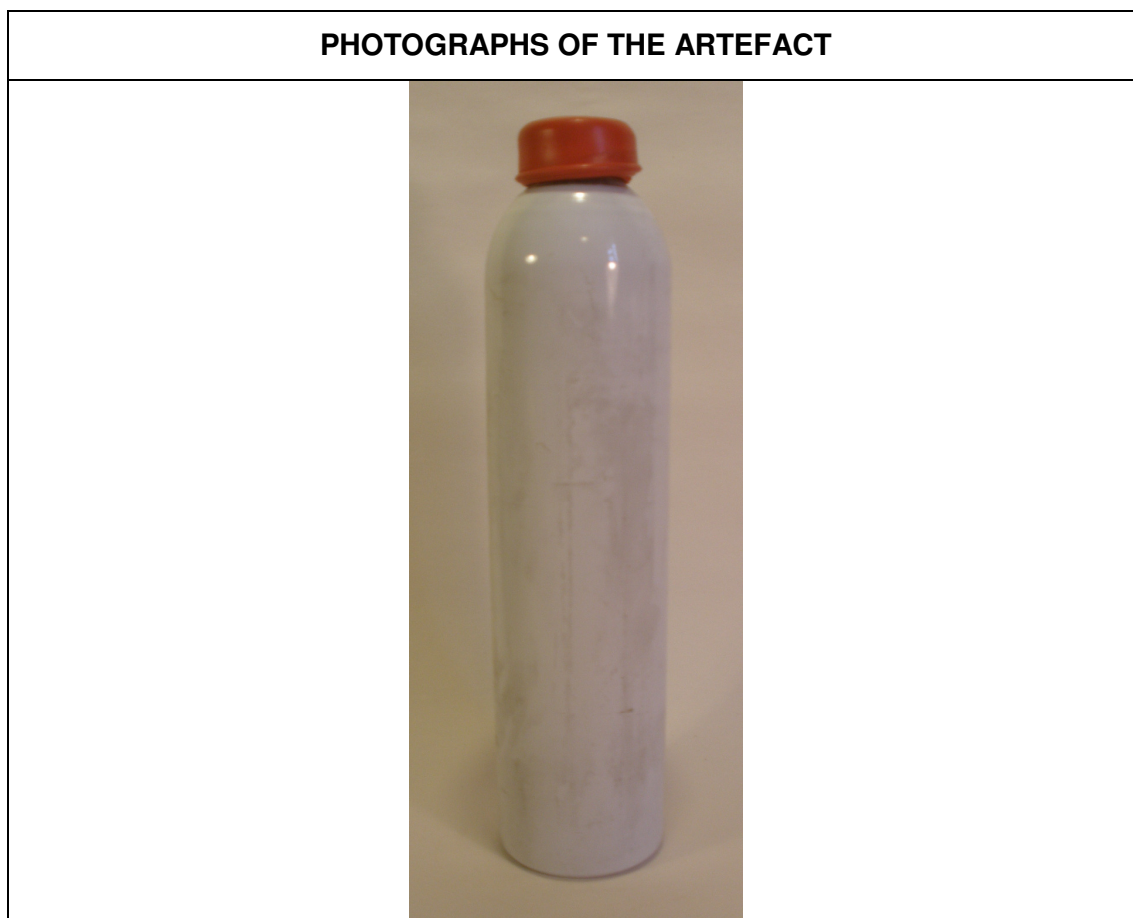


BLOOD TRANSFUSION ARTEFACT RECORD	
NUMBER	AA-045
ITEM / TITLE	ALUMINIUM FROZEN BLOOD CANS
PHYSICAL DESCRIPTION	An unlabelled new aluminium frozen blood can (approx. 9.5 x 2.5 inches) with a rubber over-cap covering a (wired-on) rubber bung. Additional photographs show a sterilised can prior to use and a used can with wire attached screw-capped aluminium sample container.
OTHER INFORMATION	<p>This type of sterilised can was used for the freezing of (low concentration) glycerol treated red cells in liquid nitrogen storage containers [before plastic bags capable of withstanding the cold temperatures were developed]. The first photograph shows a new can about to be used. The second photograph shows a sterilised can in its protective bag with sterile indicator tape wrapping. The third photograph shows a used aluminium can with a small 'sample' tube attached to the neck by wire, which contained small samples of the blood donation that could be thawed for testing purposes, i.e. without thawing the whole donation.</p> <p>Note: To get the blood into the can, the rubber bung had to be punctured by needles. Although a rubber 'over-cap' was fitted, this could result in a potential explosion risk when the can was thawed due to small amounts of liquid nitrogen entering the can through the holes in the frozen rubber bung.</p>



Note: Additional photographs on the next page

