



**Smithsonian Institution**

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## **Harry S. Ladd - Eniwetok, book 2, June 1 - June 10, 1952**

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Solutions used

(1) Molar solution of copper nitrate. Prepared by adding 188 g. Cu (NO<sub>3</sub>)<sub>2</sub>

225 g Cu (NO<sub>3</sub>)<sub>2</sub> \* 3H<sub>2</sub>O

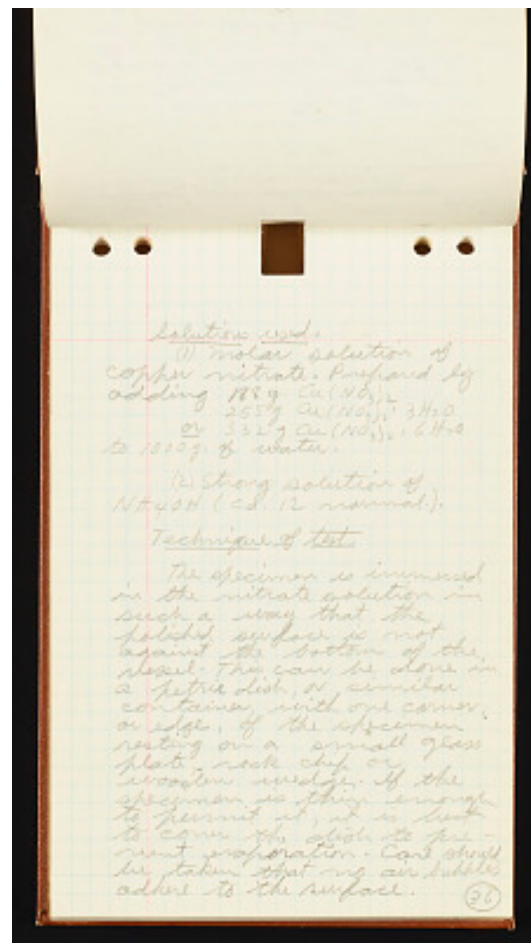
332 g Cu (NO<sub>3</sub>)<sub>2</sub>, 6H<sub>2</sub>O  
to 1000 g of water

(2) Strong solution of NH<sub>4</sub>OH (Ca. 12 normal).

Technique of Test

The specimen is immersed in the nitrate solution in such a way that the polished surface is not against the bottom of the vessel. This can be done in a petrie dish, or similar container, with one corner or edge, of the specimen resting on a small glass plate, rock chip or wooden wedge. If the specimen is thin enough to permit it, it is best to cover the dish to prevent evaporation. Care should be taken that no air bubbles adhere to the surface.

["36" circled]



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