

## **C-209, CARR'S METHOD FOR CALCIUM**

**Fixation:** 10% Buffered Neutral Formalin (F-113)

**Sections:** Parrafin @ 6 microns

**PROCEDURE:** Use control slide.

1. Deparaffinize and hydrate to distilled water.
2. **Chloranilic Acid Solution** (C-209-1) for 30 minutes. Wash in running water for 15 minutes.
3. **Light Green Solution** (C-209-2) for 5 minutes. Rinse in distilled water.
4. Dehydrate in **95% Alcohol**, (D-11), **Absolute Alcohol** (D-10) and clear in Xylene (C-120) two changes each.
5. Mount.

**Stain Results:**

Calcium	Red Brown
Background	Green Brilliantly birefringent Under polarized light

**References:**

AFIP Manual of Histological Staining Methods, 3<sup>rd</sup> . ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 175.  
Carr, L.B., Rambo, O.N., and Feichtmeir, T.V.: J. Histochem, Cytochem, 9:415 (1961)