3. Reference Electrodes

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REFERENCE ELECTRODES (known potential; other electrode potentials determined w.n.+. these electrodes)

Secondary R.E.

Calomel electrode
Silver - silver chloride
electrode

CALOMEL ELECTRODE

- · Cell representation: Hg | Hg2 Cl2 | Ce
- · Metal metal ealt ion electrode
- · Secondary reference electrode
- · Calonel: Hg + Hg Clz

DIAGRAM: add

$$E = E^{\circ} - \frac{0.0591}{2} \log [\alpha]^{2}$$
 Cor
 $E = E^{\circ} - 0.0591 \log [\alpha]^{2}$