Subject Hydrolysis JE-4 DNA Instructor's Name

10-19-76 Purpose: to produce several mgs of adduct.

Procedure:
- 10 rods to which DNA was bound were rinsed with ether and dried in vacuum desicator for 5-10 min
- place each rod into 1 ml of HCOOH in a 12 ml cent tube
- scrape DNA into solution
- let stand in dark at room temp. for 1 hour (actually a little more)
- transfer into 250 ml RB (w/ 14/20 neck)
- add 2ml, 1ml, 1ml to transfer residual HCOOH into the RB. finally, add in 10ml H_2O & extra (total H_2O + HCOOH was about 60 ml).
- freeze
- lyophilize for 3 hrs, 5 hrs (pausing to drain trap).

let remainder stand in freezer overnight — Observation: no problems - sample stayed frozen.

10/20/76 - freeze dry all day + overnight

10/21/76 - sample dry — add 90 ml H_2O + 10 ml MeOH (stir) ↓
~~- rinse into other vessel with 10 ml 10% MeOH~~
- centrifuge, etc.
- final vol = 110 ml bec. the pellets were washed with 10%.