LAB PARTNER

LOCKER/DESK NO.

COURSE & SECTION NO.

Observations

-upon addition of 10 drops of
10% acetic acid, to the solution
of 2.0g of easeth in 20ml
of water, the caseth percipitated
and formed as a white, hard
substance along the stirred,
- After adding 2.0g of skim milk
powder to zoml of warm water,
the solution became an off-white
colour and cloudy.

- The addition of zml of ethanol, 1 ml of Hexano or 2x5ml of distilled water did not have any visibis effect on the percipitate. - At first, the addition of 7.5 ml of NaOH (3M) did not have any errect on the percipitate. After stirring for a few minutes, the percipitate separated into a few smaller portions in solution. - After the addition of o. Sml more of NaOH (3H), the percipitate almost completely dissolved or dissociated into solution with no colour change observed. - who na water was added to the solution to dilute it ro a 30 mL, no apparent change was observed.

- After filtering the solution of any remaining percipitate, the solution appeared ansoft-white was and cloudy.

- initial ph reading: 13.52 (no HCI added).

- After adding 10.5 mL of concentrated HCI, the solution's pt shot down to 4.11.

the pt went up to 9.56.

- The addition of TML of divised HCI lowered the pH to 7.09.

- After adding 8.0 mL of divised HCI to curscivition, the percipitate formed at a pH of 4.44.

Giscelectric point.

- After the second casein solution was added to the buffer and & mi of till, the pt went up to 5.02, Si 20.

- The solution contained a tiny amount of a yellow, gelatinlike substance at the bottom of the beaker.

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SIGNATURE	DATE WITNESS/TA	