ADDITIONAL PAGE FOR ANSWERING QUESTION 5.
(i) Reducing Agent
C. (i) Reducing Agent
CaOu
(ii) · MN On any M= # marco = (MX + e)
(ii) · Mn Oy and M= == = moleo=(M X = 2)
moles = (.01 20 M)(.0178) = [2.67 × 10 -4 moles]
· C3042-
#moles = 267 x 10 moles Mn0, x 5 moles <20, 2 [6.68 x 10 moles
2 moles MnOy
(iii). Total # of makes of CaOya-
,345g Be< 204x 1 male = .00356 males Be<204
97.0129
Be(30, -> Be2++C20,2
100356 males (204)
(iv) was percent of Becogy in the impure sample -
CCV). Wass parcent or as a go,
· · · · · · · · · · · · · · · · · · ·

STOP

If you finish before time is called, you may check your work on this part only.

Do not turn to the other part of the test until you are told to do so.