

$$-8(\rho_{11}-\rho_{22})\sin\theta_{12}-8(\rho_{13}+\rho_{31})\sin\theta_{23}+8(\rho_{12}+\rho_{21})(\cos\theta_{12}+(\cos\theta_{23}-1))$$

$$-8(\rho_{22}-\rho_{33})\sin\theta_{23}-8(\rho_{13}+\rho_{31})\sin\theta_{23}+8(\rho_{23}+\rho_{32})(\cos\theta_{23}+(\cos\theta_{23}-1))$$

(b) Mitrate in presence of nilrite,
Nitrite interfers in the detection of nilrate. Hence nitrite
must be removed completely before testing for nitrate

=) Acidity about 2cc of No2Co3 extract with alil 42Soy of then heat with excess by Solid wea or NIH4Cl- Nibrite will be decomposed into N2.

 $2NO_{2}^{-} + NH_{3}CONH_{2} + 2H^{+} \longrightarrow 2N_{2}T + 3H_{3}O + CO_{2}$ $NO_{2}^{-} + NH_{4}^{+} \longrightarrow N_{2}T + 2H_{2}O$

Now perform sing lest for lesting nitrate.