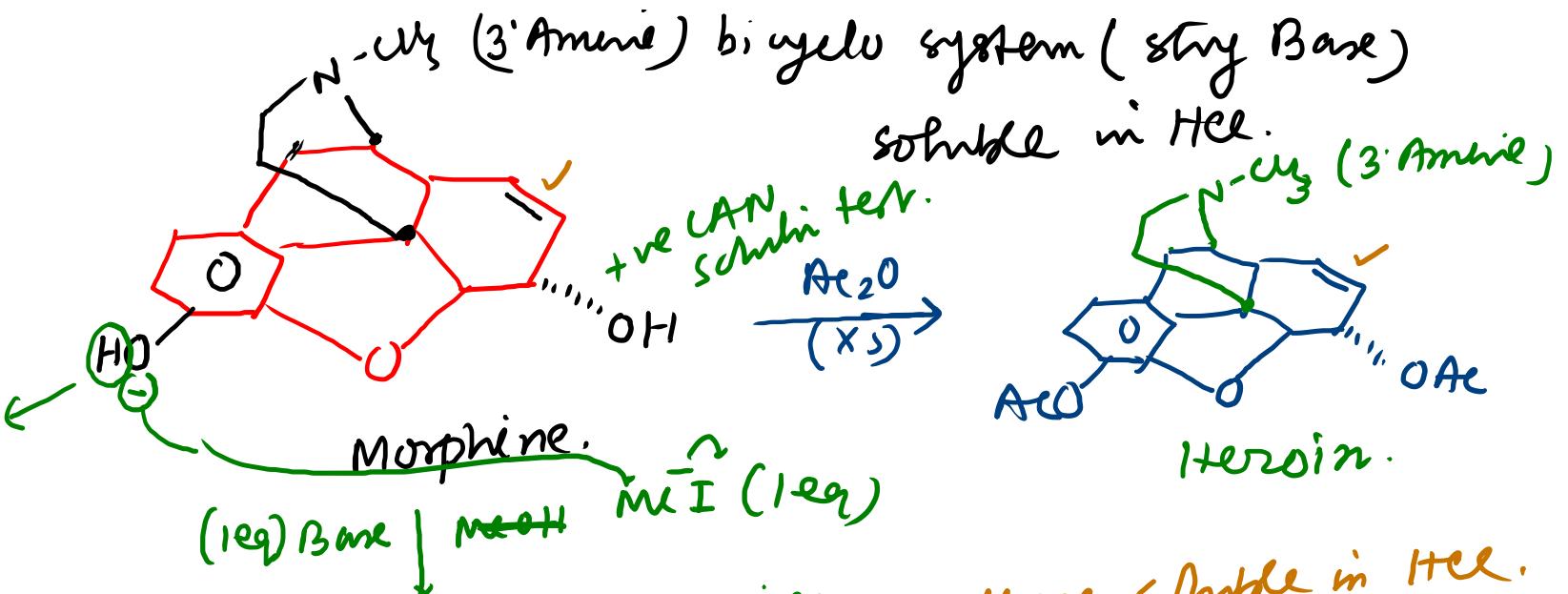


i) Morphine

ii) Heroin

iii) Codeine

+ve
FeCl₃
test



all are soluble in HCl.

6665

Benzene |

Left

(Morphine) HO

(Heroin) AcO

(Codeine) MO

| cyclo
xene

Right.

OH

OAc

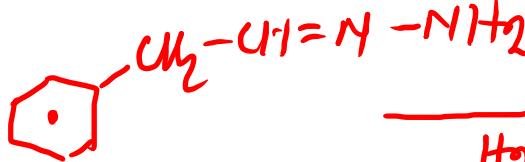
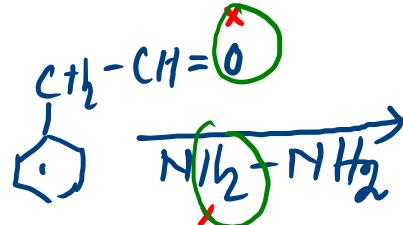
OH

: Antidepressant drug:

\Rightarrow *proriatid.* (1)

⇒ Phenelzine (Nardil) (2)

Homozygous / An-



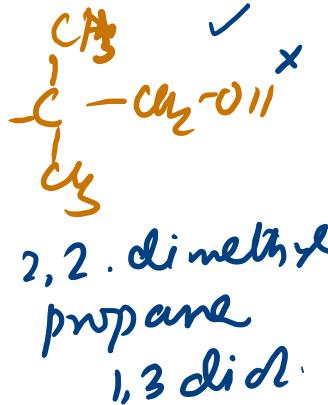
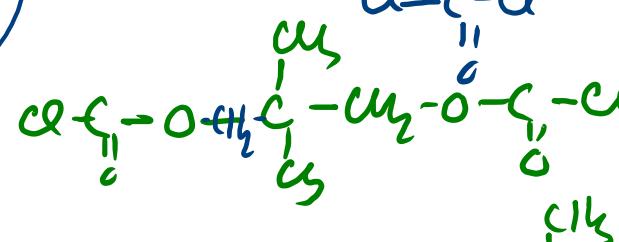
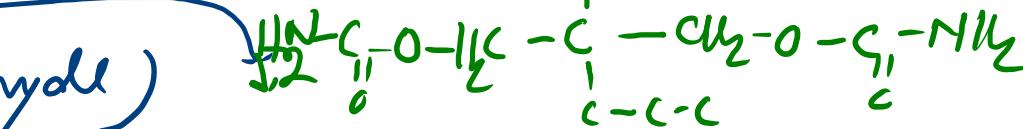
phenelzine (Nardil)

no
chemical
carbon
present
in any of
the shr.

: Tranquiliser:

is Egne

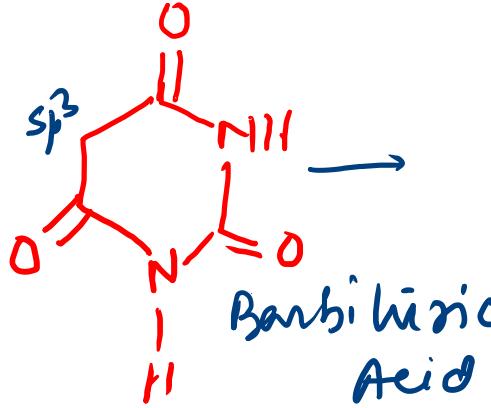
ii) probable mate



Hypnotics.

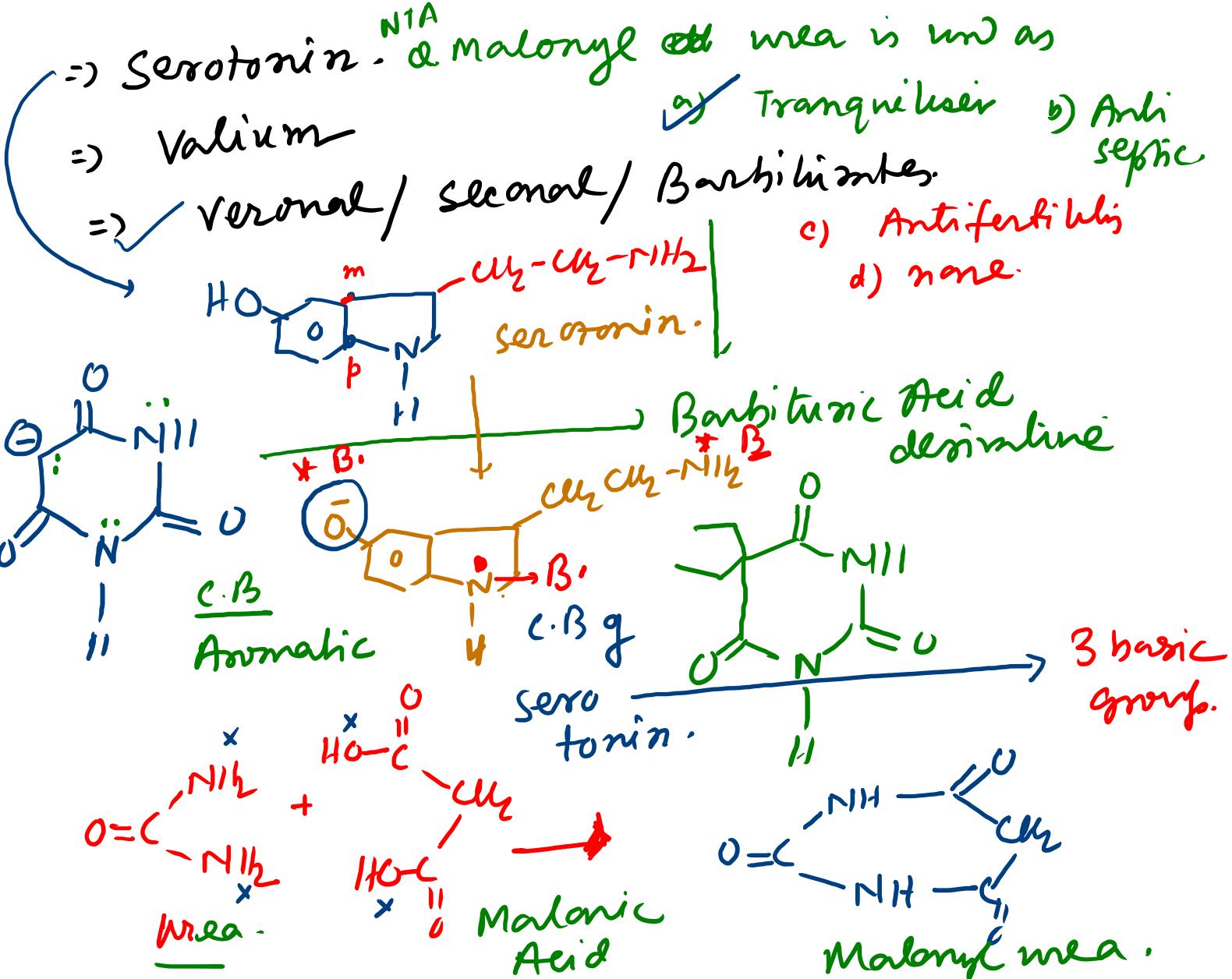
or

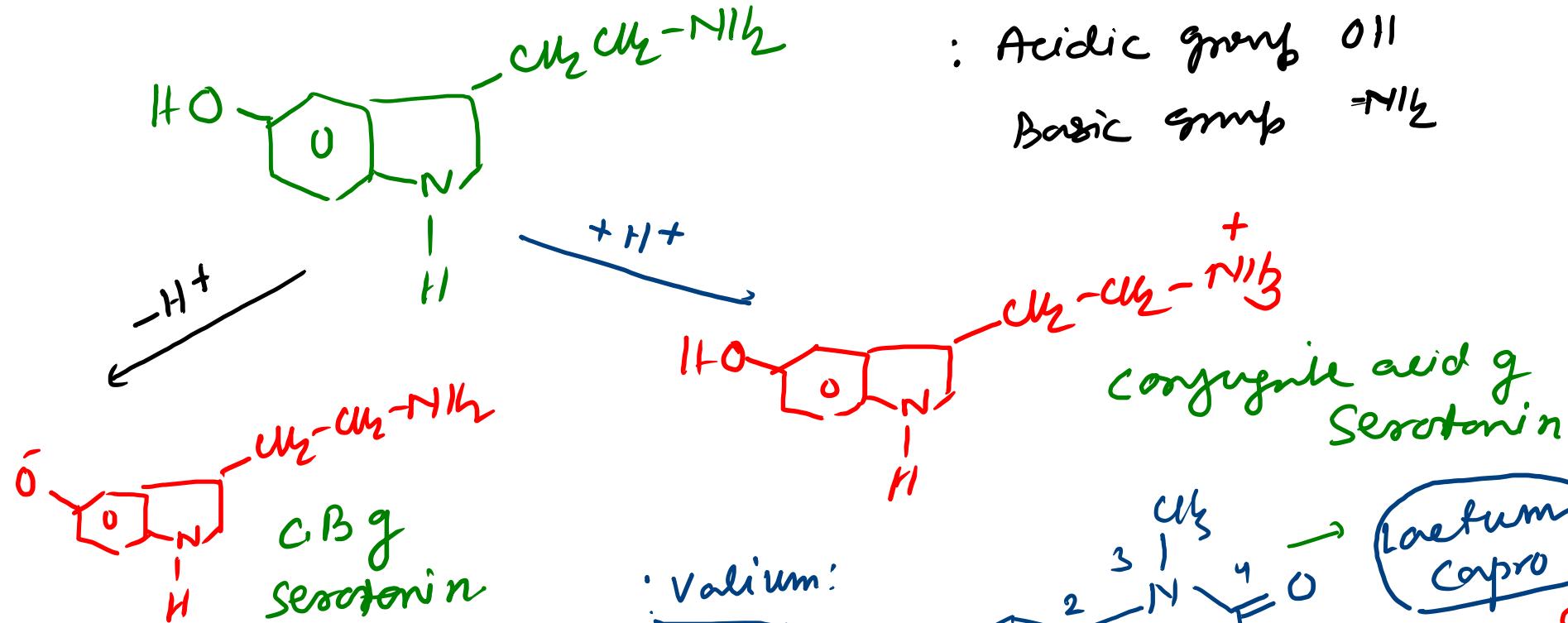
Tranquilliser
(to some extent)
(nonasso)



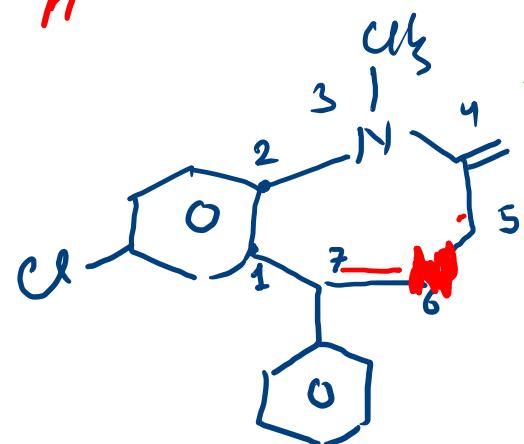
: strong acid:

+ve NaHCO₃ \Rightarrow CO₂ ↑.





Valium



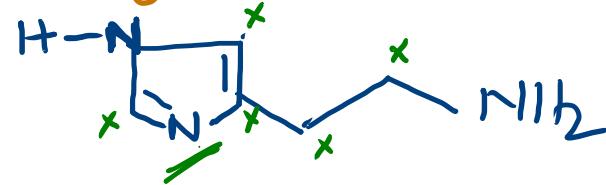
*Lactum
Capro*

~~Capro~~
7 members
cyclic amide

Antacids:



\Rightarrow magnesia mixture



i) Histamine

ii) Cimetidine. (Tagamet)

iii) Ranitidine. (Zantac)



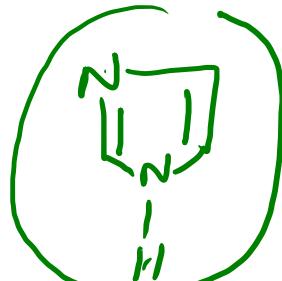
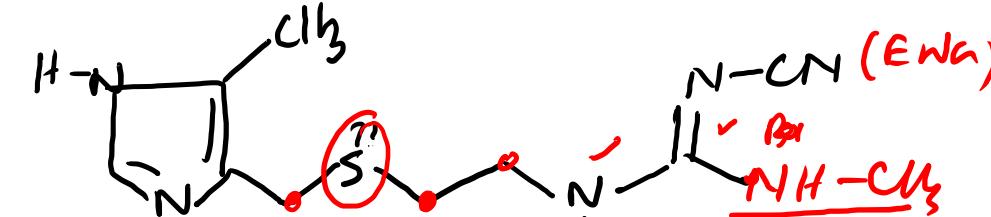
$\frac{42}{111} + \frac{6}{111}$

% g N in Histamine



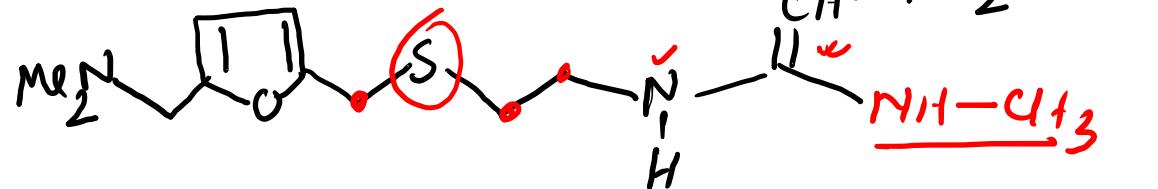
$\left[\frac{42}{111} \times 100 \right]$

$= \underline{\underline{37.84}}\%$



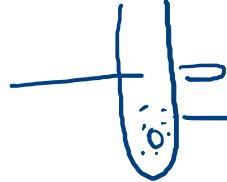
Pyrrole

Imidazole



\Rightarrow Seldane } 8hr.
 \Rightarrow Demetapp. } not required.

Anti-Histamine.



sample + Na-bead

- i) Antiseptic
- ii) Antifertility
- iii) Antibiotic
- iv) Analgesic. → Nar.
 ↳ Nonnar.
- v) Antidepressant
- vi) Tranquilliser
- vii) Hypnotics.
- viii) Antacids.
- ix) Histamine
- x) Anti-histamine
- xi) disinfectant.

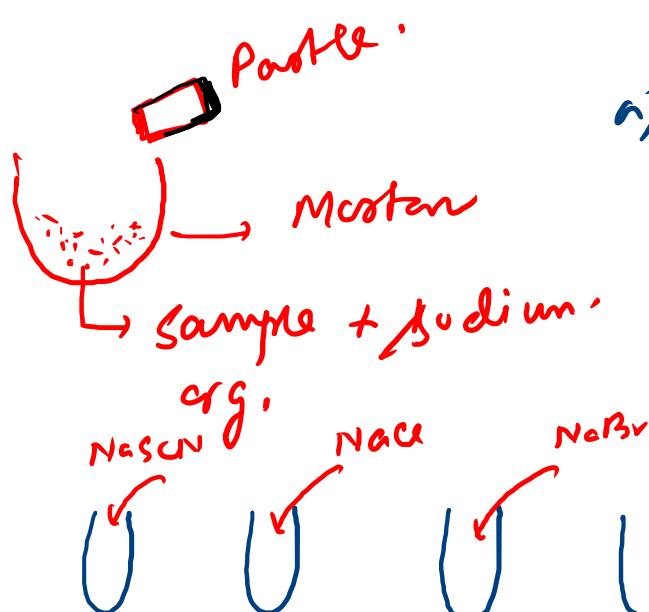
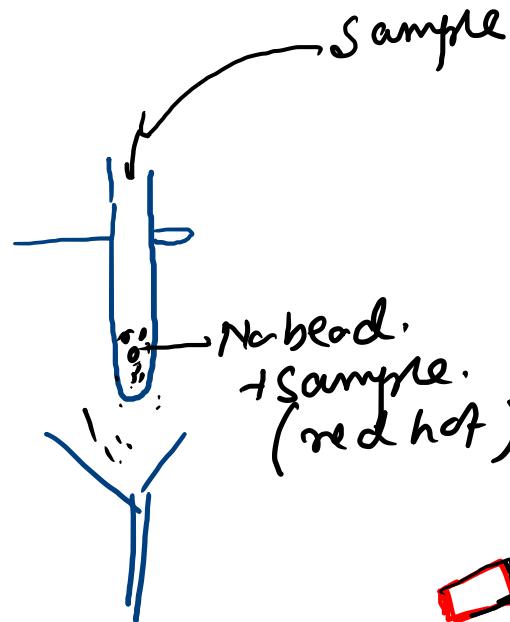
Qualitative analysis
of elements

N / S / X

Lassaigner

or
sodium fusion test

Na-fusion test:

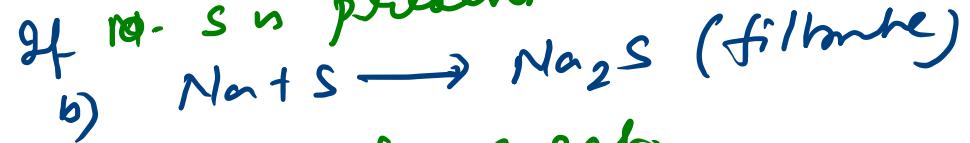


- => In a test tube, Na bead is taken, sample is added & singly heated until it becomes red hot
- => it is taken in mortar (porcelain) & break it with paste in water.
- => filter it & ~~the~~ the filtrate the following test is carried out.

If N is present



If Na_2S is present



If $(\text{S} + \text{N})$ is present



If X is present



FeSO_4
+
 FeCl_3

NaCN ✓

Na_2S ✓

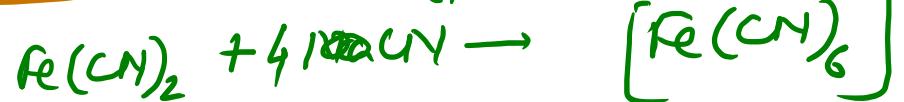
NaSCN ✓

NaCl ✓

NaBr ✓

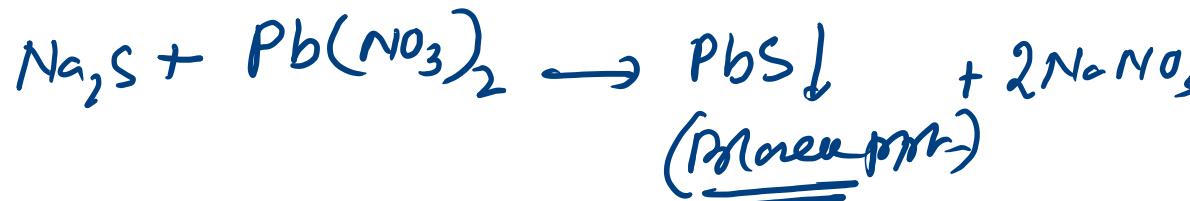
No I.

Test for
N only



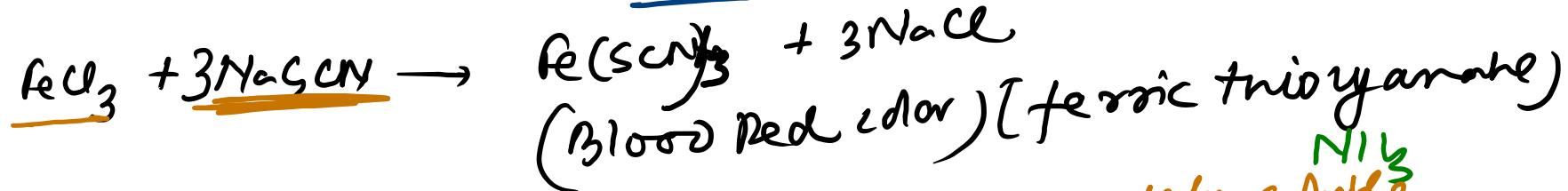
ferriferrocyanide
(Poussian Blue)

Test for
S only



violet / purple color.

Test for
S + N.



Test for
X

