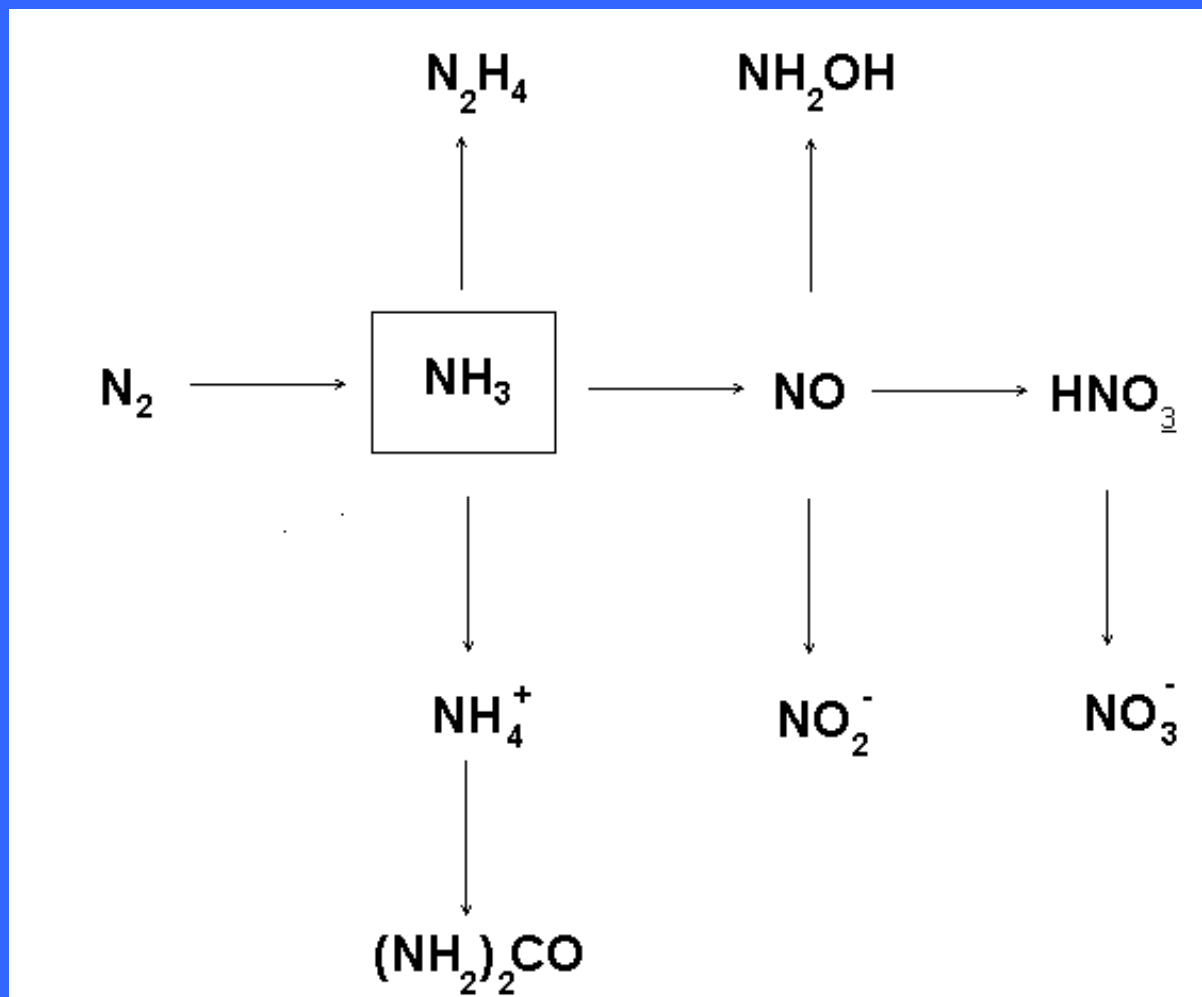
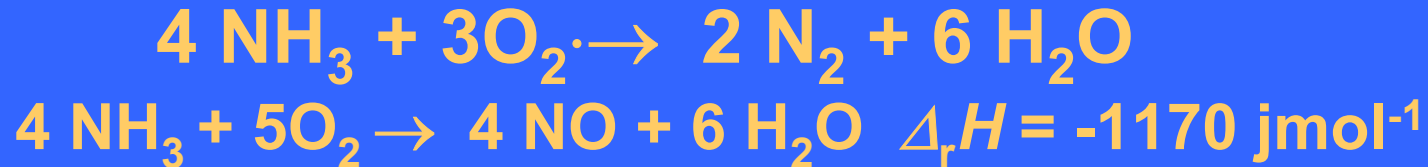


Iz amonijačnih voda \rightarrow $(\text{NH}_4)_2\text{SO}_4$



SVOJSTVA:

SVOJSTVA:



$$k_b = \frac{[\text{NH}_4^+][\text{OH}^-]}{[\text{NH}_3]} = 1.8 * 10^{-5} \text{ mol/L}$$



$$T_t = 194 \text{ K}$$



amidi



imidi



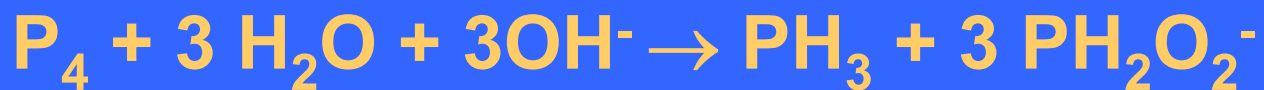
nitridi

ionski
 M_3H kovalentni AlN
 metalni





Dobivanje:



dozvoljeno 0.000005 %



Kakodil

Kadeova tekučina 1760 god.

-II $\text{H}_2\text{N}-\text{NH}_2$ Hidrazin

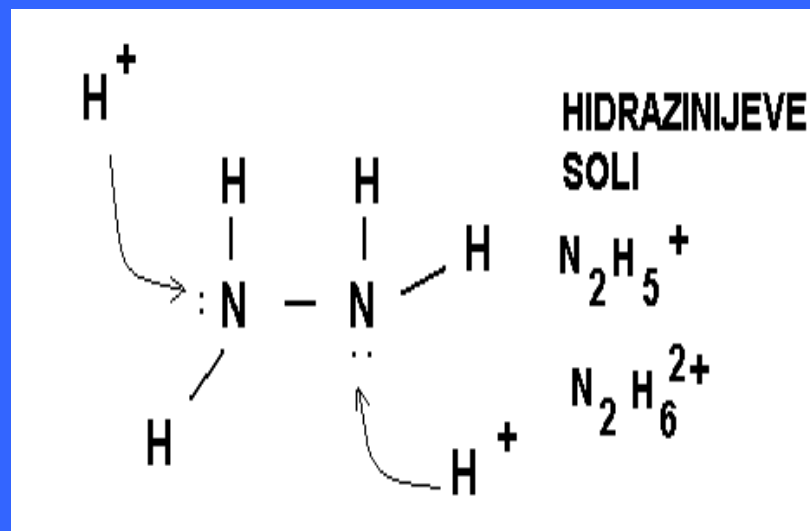


Mehanizam:



Cu^{2+} želatina

Svojstva:



$$E^0 = 1.24 \text{ V}$$

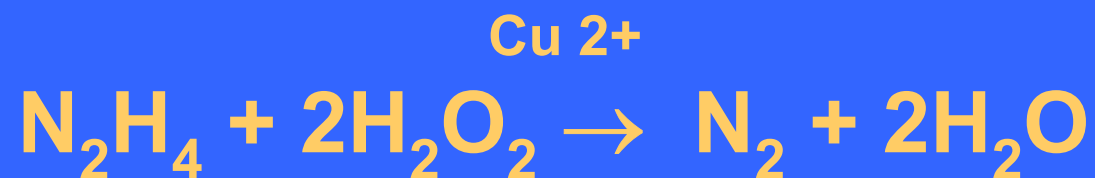


$$E^0 = -0.17 \text{ V}$$



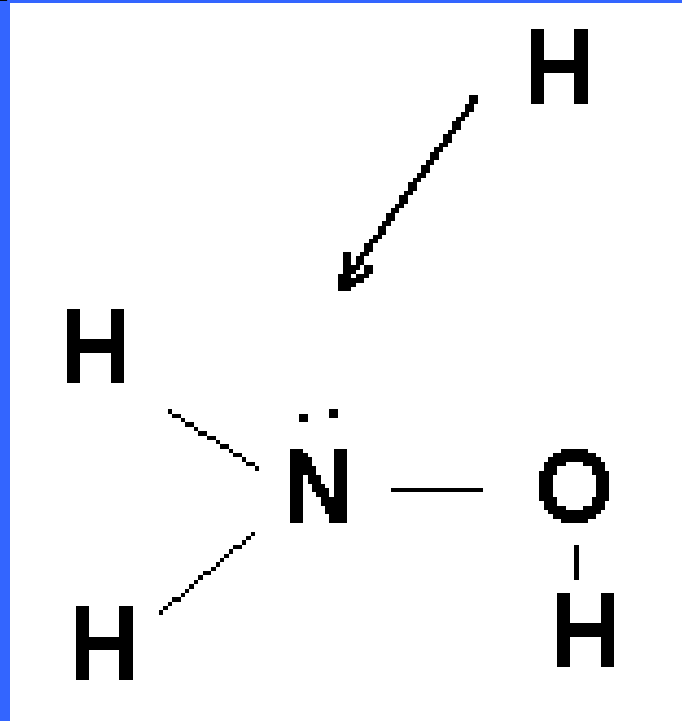
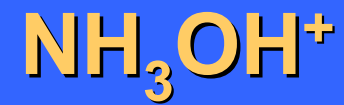
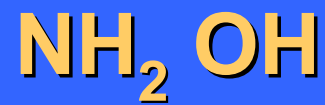
$$E^0 = -1.15 \text{ V}$$

Raketno gorivo:



O_2 Otopljen u vodi

-I



hidroksilamin



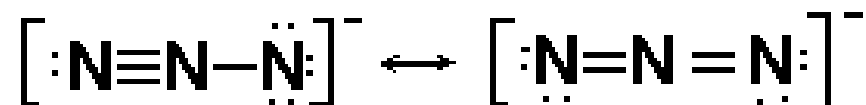
Pb(Hg)



hidroksilamonijeve soli



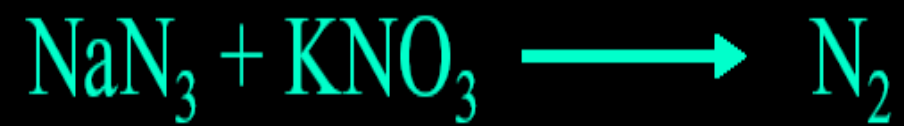
AZIDI



<190° C

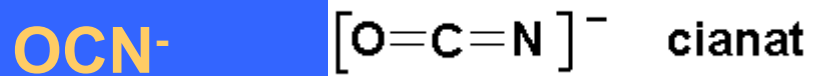
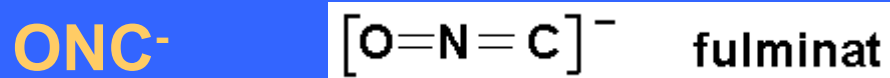
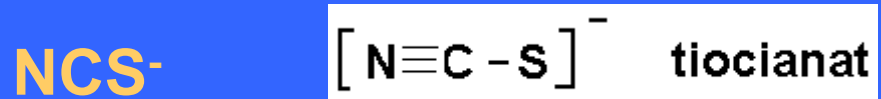
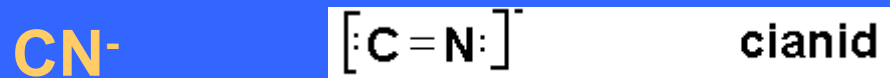
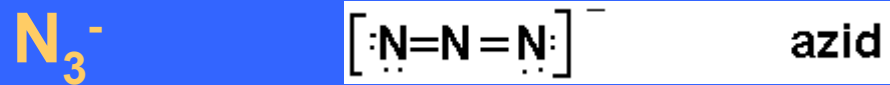


Airbag



Pseudohalogenidi

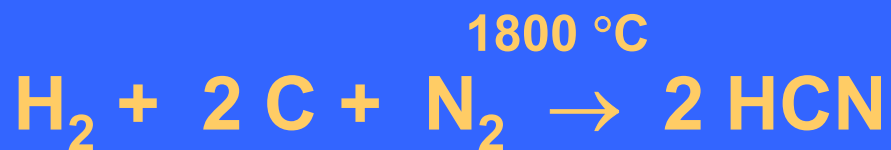
	O	N	S	C
χ	3.5	3	2.5	2.5



Pseudohalogeni



Dobivanje:



Dob:



$$K_A = 7 \cdot 10^{-10} \text{ mol/L}$$

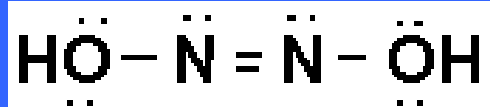
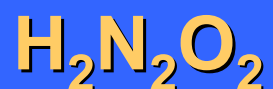
Vrlo otrovan



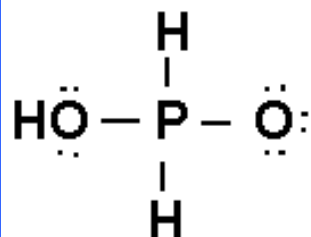
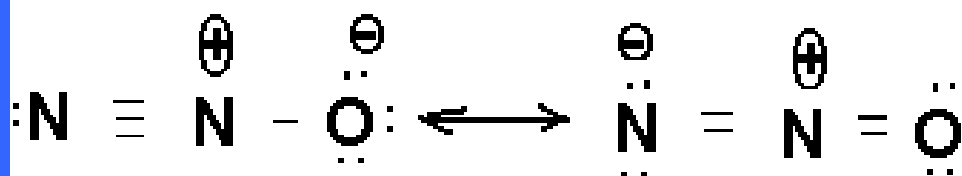


Dob:



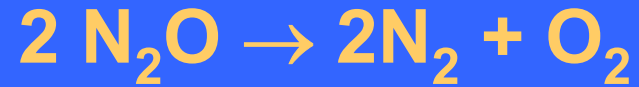


divodikov dioksodinitrat



fosfinska kiselina
dihidridodioksofosforna(I) kiselina

Dob:



Dob: $\text{H}_2\text{N}_2\text{O}_2$



Hg

Ag⁺

HCl ↓



Eter

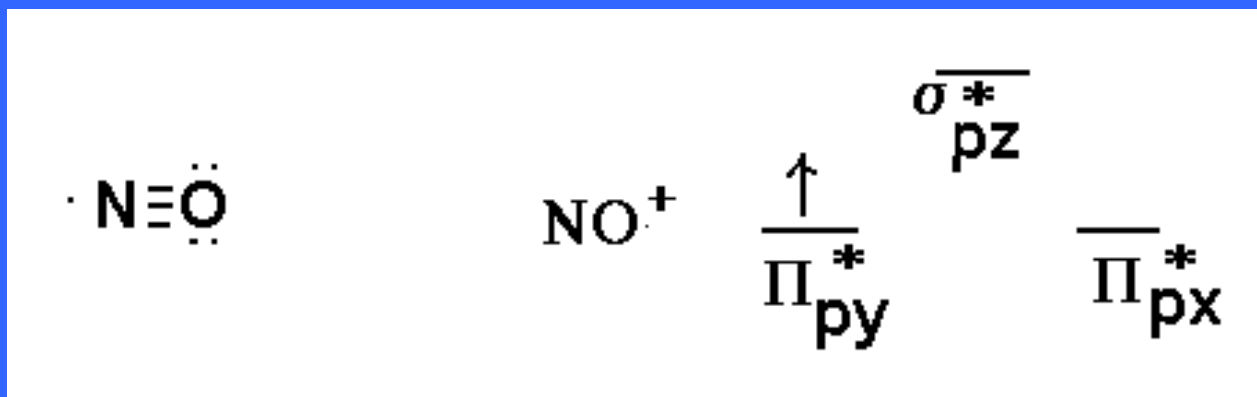


Vodena otopina

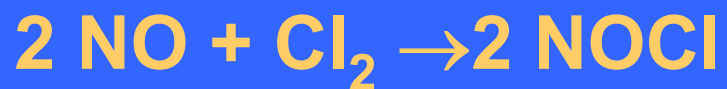
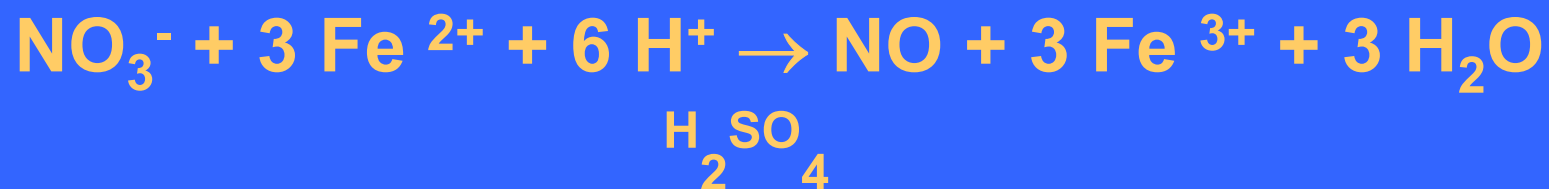


II

NO



Lab.:



nitrozil halogenovodici

Izosterne molekule

	N_2O	CO_2
Broj atoma	3	3
Broj elektrona	16	16
T_t / K	182	217
T_v / K	184	195
	N_2	CO
T_t / K	63	68
T_v / K	72	82

III

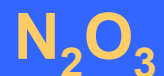
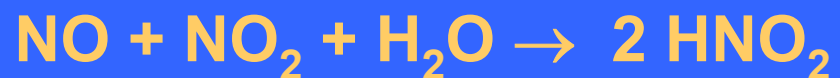
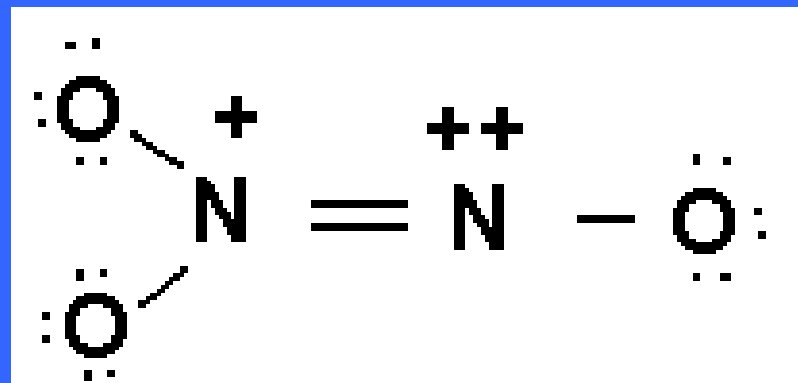
N_2O_3 , HNO_2 , soli

P_4O_6 , H_2PHO_3 soli

As_4O_6 H_3AsO_3 soli

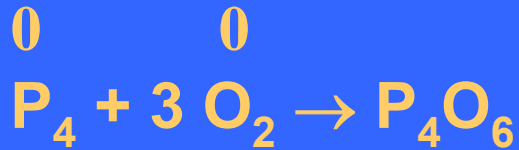
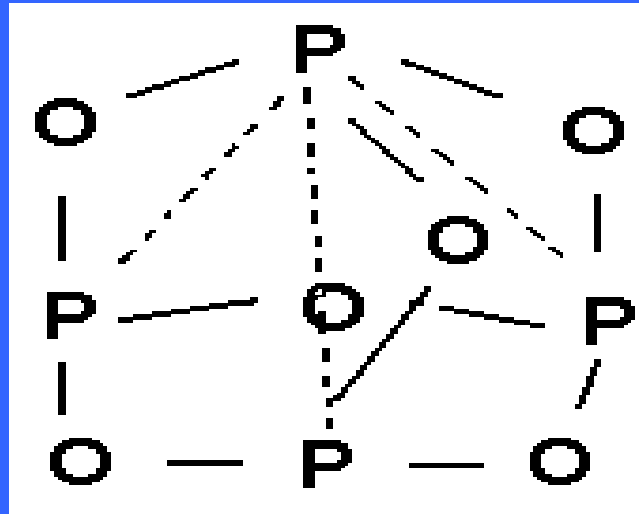
Sb_4O_6 } *netopljivi u vodi*

Bi_2O_3 } *netopljivi u vodi*

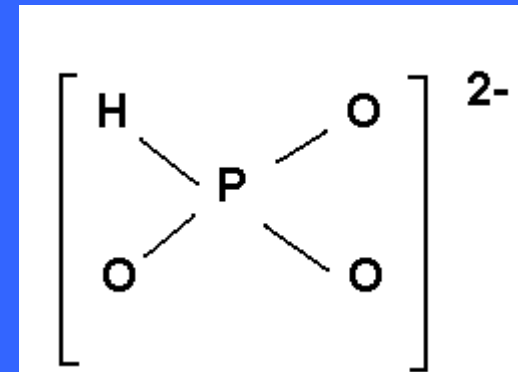


solu doba:





grijanje





vrlo otrovan

1.2g u 100 g H₂O



III -I -II 700 C





antimonil soli

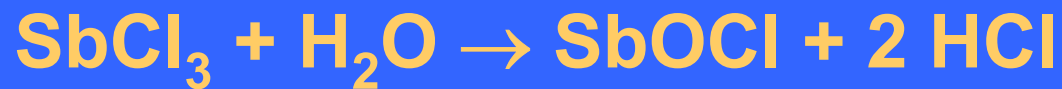


Antimonat (III)-soli

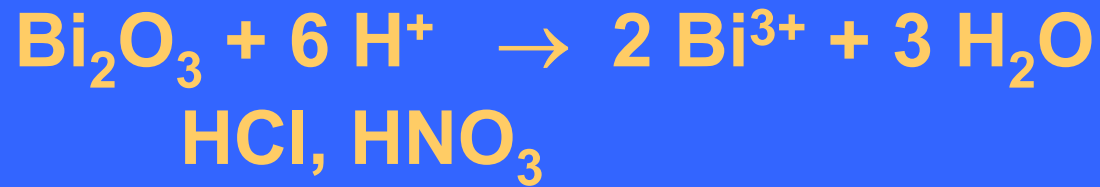


narandast

Sb_2S_3 –antimonit- crn



tartarat



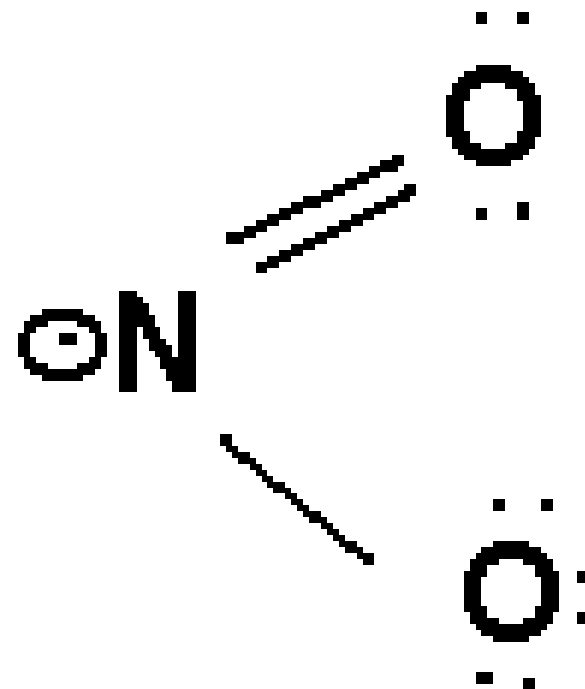
IV

NO_2

N_2O_4



dob:



THE END

