

(  
 – **Cadmia**), 1;  
 (Philosophers' Wool) **nix alba** ( ) –  
 (White vitriol, ).  
**ZnSO<sub>4</sub>\*7H<sub>2</sub>O**. 2.  
 (Calamine). 3.  
 (Corrosive sublimate). 4. 5,  
 (Calomel). 6.  
 (Cinnabar, ). 7.  
 (Turpeth mineral).  
**Mercurius praecipitatus**  
 8 (Mosaic gold). 9.  
 (Tin salt).  
**Spiritus fumans**. (Libavius) 1605  
 (Butter of tin).  
 (Galena).  
 (Lead fume).  
 10 (Massicot).  
 (Litharge).  
 11 (Minium, Red Lead) . **Pb<sub>3</sub>O<sub>4</sub>**.  
 (Naples yellow, Cassel yellow).  
 (Chrome yellow). , **PbCrO<sub>4</sub>**.  
 (Sugar of Lead). 12.  
**C** 13 (White lead).  
 (Venetian White).

**(Dutch White).**

14 **(Antimony).** *antimonium,* 1050  
(Constantinius Africanus),

**(Glass of Antimony).**

**(Butter of Antimony).**

15

**(Powder of Algaroth).**

16 **(Stibnite).** Sb<sub>2</sub>S<sub>3</sub>.

17 **(Wismuth).**

**(Pearl white).** 18,

**(Chrome green).** 19.

**(Chrome yellow).**

**(Chrome red).**

**(Chrome orange).**

**(Green Vitriol).** (II)<sup>20</sup>.

**(Rouge, Crocus, Colcothar).**

21 **(Marcasite).**

22 **(Pyrites).**

23 **(Cobalt).**

24 **(Zaffre).**

25 **(Nickel).**

26 **(Copper glance).**

**Aes cyprium**<sup>27</sup>.

28 **(Cuprite).**

29 **(Verdigris).**

( )

30.

31 1664

, **lapis infernalis (Lunar caustic).** 32.  
**(Fulminating silver).**

33 **(Horn silver), argentum cornu.**

(Luna cornea).

34 1608

(Purple of Cassius).

1685

( ) (Fulminating gold).

« » ( )

( )

(Quicklime).

35.

(Chalk).

(Gypsum).

(Natron).

(Soda ash).

(Caustic marine alkali).

36.

(Common salt).

<sup>37</sup> (Glauber's Salt).

(Wood-ash, potash).

(Caustic wood alkali).

(Liver of sulphur).

(Sal Ammoniac).

(Sal volatile, Spirit of Hartshorn)

(Caustic volatile alkali).

38.

Nitrum flammans.

(Brimstone) ( . Brennstein – “ ”).

<sup>39</sup> (Flowers of sulphur).

Thion hudor ( 40

”).

(Milk of sulphur) (lac sulphuris).

thion hudor.

(Oil of Vitriol).

<sup>41</sup> (Realgar).

<sup>42</sup> (Orpiment. Auri-pigmentum).

(White arsenic).

Aqua tofani.

(King's Yellow).

1. ... «  
 », 1880.  
 2. XVI  
 , , « ».  
 , « ».

3. (calamine) – ( –  
 )  
 (ZnCO<sub>3</sub>) (Zn<sub>4</sub>(Si<sub>2</sub>O<sub>7</sub>) (OH)<sub>2</sub> H<sub>2</sub>O).

(James Smithson) 1803

4. , HgCl<sub>2</sub> – ; –  
 : HgSO<sub>4</sub>+2NaCl=HgCl<sub>2</sub>+Na<sub>2</sub>SO<sub>4</sub>  
 HgCl ( HgSO<sub>4</sub> ), NaCl HgSO<sub>4</sub>



HgSO<sub>4</sub>

5. " " (Geber).  
 4  
 (786 – 809). 2000  
 " " [ ] " " "112 " "70 " "10

6. : . Kalomel – < . Calomel – < . Kalos – , melas
7. – ,
8. ; XVI-XVII .
9. 1) ( )  
( ),  
2) , ,  
3) ( ) (SnS2),
10. ,
11. ( ).
12. - , " " – , – .  
Pb(CH3COO)2. 2PbCO3 .
13. Pb(OH)2. – , – .
14. ( . Antimony, . Antimoine, . Antimon)  
, ( ) III . . I  
; – ,  
, - , , ,  
(Sb2S3), " "  
XVI . ,  
" " , 1050 . ,  
–  
" ( ) . " "

15. (1810), 1604 XIX
- " (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> (" N 2SO<sub>4</sub>\*10H<sub>2</sub>O, NH<sub>3</sub>, 6 5 ( )
16. — 71,4% , 28,6%
17. ( . Bismuth, . Bismuth, . Wismut) XVIII XV XV - XVII "Geschichte des Wismuts zwischen 1460 und 1800" (1930) 21 XV - XVII
- wis mat ( weisse masse weisse materia), 1810 . (Glaure), (Nimphe), ( ) : (Demogorgon), (Etain de glace), (Etain gris). XIX (BiO)NO<sub>3</sub>, ( ) (BiNO<sub>3</sub>\*5H<sub>2</sub>O) XVI
18. Cr<sub>2</sub>O<sub>3</sub>, . sesqui — (III),
20. (II)

(II)

21. : . marcasitae

XVIII-XIX

22.

1725

"Piritologica"

"

" (")

( )

...

1735

« »

« »

« », « »

24.

( ) -

25.

XVII

1751

«

,

».

).

26.

20%

:

Cu<sub>2</sub>S.

80%

« » —

27.

(Cyprus)

Cu

aes cyprium ( , Cuprum),

28. u 2 . “ ” — . ,  
 , , .

29. - . 17 .  
 (23-79 . .).

30. , , .

31. (Boyle) — , (1627-91),  
 , ( ) ,

« , :  
 ».  
 , .

(1661)

32. AgNO3 - , , .

33. ( . k ras -  rgyros - ),  
 AgCl (Ag - 75,26%), Br, Hg.  
 NaCl, ;  
 ( - ) .

34. “Basilica Chemica”.

35. Ca(OH)2 .

36. NaOH. : , .

37. Na2SO4\*10H2O, .

38. NH4OH — , u1072

39. S8

40. III IV . .



41.

(  
42.

As<sub>2</sub>S<sub>3</sub>.

)

. aurum -

pigmentum -

:

:

"

"

