

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

Systematische Übersicht der Silicate

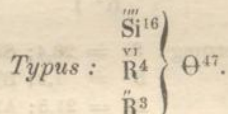
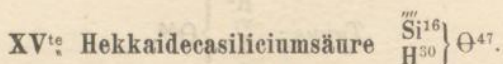
Weltzien, Karl

Giessen, 1864

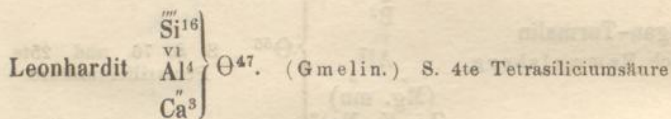
Octokaidecasilicate

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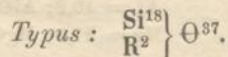
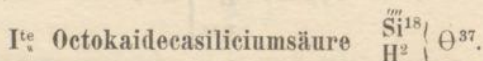
Hekkaidecasilicate.



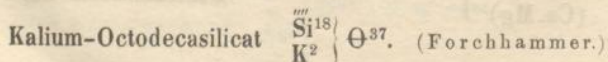
Normalzusammensetzung: Si = 29,1; Si Θ^2 = 62,3.
Al = 14,3; Al Θ^3 = 26,8.
Ca = 7,7; Ca Θ = 10,9.

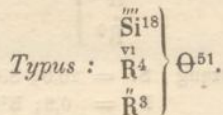
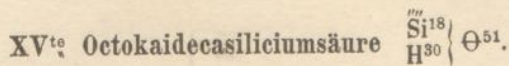


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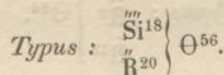
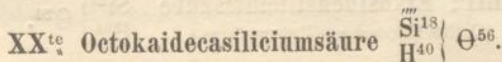
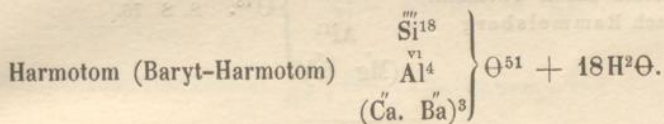


Normalzusammensetzung: Si = 42,9; Si Θ^2 = 92,0.
K = 6,6; K Θ = 8,0.

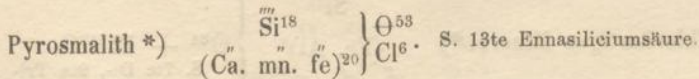




Normalzusammensetzung : Si = 25,7; SiO² = 55,2.
Al = 11,3; AlO³ = 21,1.
Ba = 21,1; BaO = 23,7.

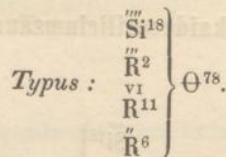


Normalzusammensetzung : Si = 20,0; SiO² = 42,9.
fe = 44,5; feO = 57,1.

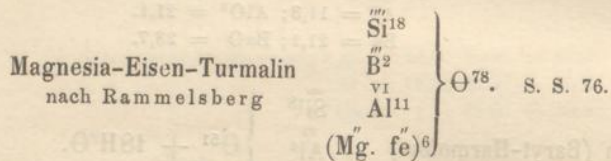


*) Lang, Jahresber. d. Chem. f. 1861, S. 1017.

XLII^{te} Octokaidecasiliciumsäure $\begin{matrix} \text{Si}^{18} \\ \text{H}^{84} \end{matrix} \left. \vphantom{\begin{matrix} \text{Si}^{18} \\ \text{H}^{84} \end{matrix}} \right\} \ominus^{78}$.

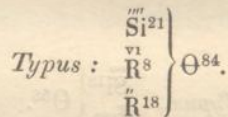


Normalzusammensetzung : Si = 20,0; SiO² = 42,8.
 B = 0,9; B²O³ = 2,8.
 Al = 24,0; AlO³ = 44,9.
 Mg = 5,7; MgO = 9,5.

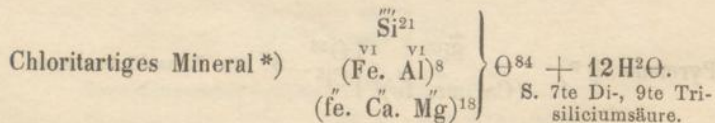


Eikosihensilicate.

XLII^{te} Eikosihensiliciumsäure $\begin{matrix} \text{Si}^{21} \\ \text{H}^{84} \end{matrix} \left. \vphantom{\begin{matrix} \text{Si}^{21} \\ \text{H}^{84} \end{matrix}} \right\} \ominus^{84}$.
 (Ortho-Eikosihensiliciumsäure.)



Normalzusammensetzung : Si = 19,0; SiO² = 40,8.
 Al = 14,2; AlO³ = 26,6.
 Ca = 23,2; CaO = 32,6.



*) Jahresber. d. Chem. f. 1861, S. 1010.