|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| base | base | pKb-waarde | c (mol/l) | pH | c (mol/l) | pH | c (mol/l) | pH | c (mol/l) | pH |
| CH3COO- | acetaation | 9.24 | 0.01 | 8.38 | 0.1 | 8.88 | 0.5 | 9.23 | 1 | 9.38 |
| NH2- | Amide-ion | -9.00 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.70 | 1 | 14.00 |
| NH3 | ammoniak | 4.75 | 0.01 | 10.62 | 0.1 | 11.12 | 0.5 | 11.47 | 1 | 11.62 |
| CO32- | carbonaation | 3.60 – 7.48 | 0.01 | 11.17 | 0.1 | 11.69 | 0.5 | 12.04 | 1 | 12.20 |
| CN- | Cyanide-ion | 4.60 | 0.01 | 10.69 | 0.1 | 11.20 | 0.5 | 11.55 | 1 | 11.70 |
| H2BO3- | diwaterstofboraation | 4.76 | 0.01 | 10.61 | 0.1 | 11.12 | 0.5 | 11.47 | 1 | 11.62 |
| H2PO4- | diwaterstoffosfaation | 12.04 | 0.01 | 7.14 | 0.1 | 7.50 | 0.5 | 7.83 | 1 | 7.98 |
| F- | Fluoride-ion | 10.86 | 0.01 | 7.58 | 0.1 | 8.07 | 0.5 | 8.42 | 1 | 8.57 |
| HCOO- | formiaation | 10.26 | 0.01 | 7.87 | 0.1 | 8.37 | 0.5 | 8.72 | 1 | 8.87 |
| H- | Hydride-ion | -26.00 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.70 | 1 | 14.00 |
| HCO3- | waterstofcarbonaation | 7.48 | 0.01 | 9.26 | 0.1 | 9.76 | 0.5 | 10.11 | 1 | 10.26 |
| HPO42- | waterstoffosfaation | 6.79 – 12.04 | 0.01 | 9.60 | 0.1 | 10.10 | 0.5 | 10.45 | 1 | 10.60 |
| HSO4- | waterstofsulfaation | 17.00 | 0.01 | 7.00 | 0.1 | 7.00 | 0.5 | 7.00 | 1 | 7.00 |
| HS- | Waterstofsulfide-ion | 7.05 | 0.01 | 9.47 | 0.1 | 9.97 | 0.5 | 10.32 | 1 | 10.47 |
| HSO3- | waterstofsulfietion | 12.08 | 0.01 | 7.13 | 0.1 | 7.48 | 0.5 | 7.81 | 1 | 7.96 |
| HO- | Hydroxide-ion | -1.74 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.69 | 1 | 13.99 |
| IO- | hypochlorietion | 6.75 | 0.01 | 9.62 | 0.1 | 10.12 | 0.5 | 10.47 | 1 | 10.62 |
| KOH | kaliumhydroxide | -1.74 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.69 | 1 | 13.99 |
| NaOH | natriumhydroxide | -1.74 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.69 | 1 | 13.99 |
| NO3- | nitraation | 15.32 | 0.01 | 7.00 | 0.1 | 7.00 | 0.5 | 7.01 | 1 | 7.01 |
| NO2- | nitrietion | 10.66 | 0.01 | 7.68 | 0.1 | 8.17 | 0.5 | 8.52 | 1 | 8.67 |
| C2O42- | oxalaation | 9.79 – 13.58 | 0.01 | 8.11 | 0.1 | 8.60 | 0.5 | 8.95 | 1 | 9.10 |
| PO43- | fosfaation | 1.68 – 6.79 – 12.04 | 0.01 | 11.87 | 0.1 | 12.56 | 0.5 | 12.97 | 1 | 13.13 |
| C2H5COO- | propanoaation | 9.12 | 0.01 | 8.44 | 0.1 | 8.94 | 0.5 | 9.29 | 1 | 9.44 |
| O22- | Oxide-ion | -10.00 | 0.01 | 12.00 | 0.1 | 13.00 | 0.5 | 13.70 | 1 | 14.00 |
| SO42- | sulfaation | 12.08 – 15.00 | 0.01 | 7.13 | 0.1 | 7.48 | 0.5 | 7.81 | 1 | 7.96 |
| S2- | Sulfide-ion | 0.00 – 7.05 | 0.01 | 12.00 | 0.1 | 12.96 | 0.5 | 13.56 | 1 | 13.79 |
| SO32- | sulfietion | 6.80 – 12.08 | 0.01 | 9.60 | 0.1 | 10.10 | 0.5 | 10.45 | 1 | 10.60 |
| H2O | water | 15.74 | 0.01 | 7.00 | 0.1 | 7.00 | 0.5 | 7.00 | 1 | 7.00 |
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