



## Conversion tables / Umrechnungstabellen / Conversión tablas

Molecular weight / Molekulargewichte / Peso molecular  
Source / Quelle / Fuente: Thieme Römpf

Calcium / Calcium / Calcio	Ca	40.08
Carbon / Kohlenstoff / Carbono	C	12.0115
Hydrogen / Wasserstoff / Hidrógeno	H	1.00794
Nitrogen / Stickstoff / Nitrógeno	N	14.00674
Magnesium / Magnesium / Magnesio	Mg	24.3050
Phosphorus / Phosphor / Fósforo	P	30.973762
Chrome / Chrom / Cromo	Cr	51.996
Chlorine / Chlor / Cloro	Cl	35.453
Silicium / Silicium / Silicio	Si	28.0855
Sulfur / Schwefel / Azufre	S	32.066

Alkalinity / Acidity / Acid Capacity / Total Alkalinity  
Alkalität / Basenkapazität / Säurekapazität / Gesamtalkalität /  
Alcalinidad / Capacidad de base hasta / Capacidad de ácido hasta / Alcalinidad  
total

	mmol/l	mg/l (ppm) Ca	mg/l (ppm) CaCO <sub>3</sub>
1 mmol/l	1	20	50
1 mg/l (ppm) Ca	0.05	1	2.5
1 mg/l (ppm) CaCO <sub>3</sub>	0.02	0.05	1

Ammonium / Ammonium / Amonio

	mg/l (ppm) NH <sub>4</sub> -N	mg/l (ppm) NH <sub>4</sub>	mg/l (ppm) NH <sub>3</sub> -N	mg/l (ppm) NH <sub>3</sub>
1 mg/l (ppm) NH <sub>4</sub> -N	1	1.28784	1	1.21429
1 mg/l (ppm) NH <sub>4</sub>	0.77649	1	0.77649	0.94413
1 mg/l (ppm) NH <sub>3</sub> -N	1	1.28784	1	1.21429
1 mg/l (ppm) NH <sub>3</sub>	0.82245	1.05918	0.82245	1



## Calcium / Hardness / Total Hardness

### Calcium / Härte / Gesamthärte

### Calcio / Durezza / Durezza total

	mg/l (ppm) Ca <sup>2+</sup>	German degree °d	English degree °e	French degree °f	mmol/l Ca <sup>2+</sup> + Mg <sup>2+</sup>	mg/l (ppm) CaCO <sub>3</sub>	mg/l (ppm) CaO	mg/l (ppm) HCO <sub>3</sub> <sup>-</sup>
1 mg/l (ppm) Ca <sup>2+</sup>	1	0.140	0.175	0.250	0.025	2.50	1.40	1.52
1 German degree °d	7.15	1	1.25	1.78	0.178	17.85	10.00	21.76
1 English degree °e	5.72	0.800	1	1.43	0.143	14.29	8.01	8.71
1 French degree °f	4.00	0.560	0.700	1	0.100	10.00	5.60	6.10
1 mmol/l Ca <sup>2+</sup> + Mg <sup>2+</sup>	40.08	5.61	7.00	10.0	1	100.1	56.08	60.96
1 mg/l (ppm) CaCO <sub>3</sub>	0.400	0.056	0.070	0.100	0.0100	1	0.560	0.610
1 mg/l (ppm) CaO	0.715	0.100	0.125	0.178	0.0178	1.78	1	1.09
1 mg/l (ppm) HCO <sub>3</sub> <sup>-</sup>	0.657	0.046	0.115	0.164	0.0164	1.64	0.919	1

## Chromate / Chrom / Cromatos

	mg/l (ppm) Cr	mg/l (ppm) CrO <sub>4</sub>
1 mg/l (ppm) Cr	1	2.23082
1 mg/l (ppm) CrO <sub>4</sub>	0.448265	1

## Monochloramine / Monochloramin / Monocloramina

	mg/l (ppm) Cl <sub>2</sub>	mg/l (ppm) NH <sub>2</sub> Cl	mg/l (ppm) NH <sub>2</sub> Cl-N
1 mg/l (ppm) Cl <sub>2</sub>	1	0.725975	0.197539
1 mg/l (ppm) NH <sub>2</sub> Cl	1.377457	1	0.272102
1 mg/l (ppm) NH <sub>2</sub> Cl-N	5.06229	3.675098	1

## Nitrate / Nitrat / Nitratos

	mg/l (ppm) NO <sub>3</sub> -N	mg/l (ppm) NO <sub>3</sub>
1 mg/l (ppm) NO <sub>3</sub> -N	1	4.42681
1 mg/l (ppm) NO <sub>3</sub>	0.225896	1



### Nitrite / Nitrit / Nitrios

	mg/l (ppm) NO <sub>2</sub> -N	mg/l (ppm) NO <sub>2</sub>
1 mg/l (ppm) NO <sub>2</sub> -N	1	3.28457
1 mg/l (ppm) NO <sub>2</sub>	0.304453	1

### Phosphate / Phosphat / Fosfatos

	mg/l (ppm) PO <sub>4</sub> -P	mg/l (ppm) PO <sub>4</sub>	mg/l (ppm) P <sub>2</sub> O <sub>5</sub>
1 mg/l (ppm) PO <sub>4</sub> -P	1	3.06617	2.29137
1 mg/l (ppm) PO <sub>4</sub>	0.326139	1	0.747307
1 mg/l (ppm) P <sub>2</sub> O <sub>5</sub>	0.436419	1.33813	1

### Silicate / Silicat / Silicatos

	mg/l (ppm) Si	mg/l (ppm) SiO <sub>2</sub>
1 mg/l (ppm) Si	1	2.13932
1 mg/l (ppm) SiO <sub>2</sub>	0.467437	1

### Sulfite / Sulfit / Sulfitos

	mg/l (ppm) SO <sub>3</sub>	mg/l (ppm) SO <sub>2</sub>	mg/l (ppm) Na <sub>2</sub> SO <sub>3</sub>
1 mg/l (ppm) SO <sub>3</sub>	1	1.24977	0.635
1 mg/l (ppm) SO <sub>2</sub>	0.800150	1	0.508095
1 mg/l (ppm) Na <sub>2</sub> SO <sub>3</sub>	1.574	1.968135	1