

Energiedispersive Röntgenfluoreszenzanalyse (EDRFA)

1. Periode	1 Wasserstoff H 1.00794																	2 Helium He 4.002602						
2. Periode	3 Lithium Li 6.941	4 Beryllium Be 9.012182	29 Kupfer Cu 63.546 Messung der Proben als Schmelz- und/oder Preßtablette																5 Bor B 10.811	6 Kohlenstoff C 12.0107	7 Stickstoff N 14.0067	8 Sauerstoff O 15.9994	9 Fluor F 18.9984	10 Neon Ne 20.1797
3. Periode	11 Natrium Na 22.98977	12 Magnesium Mg 24.305	Bearbeitung und © : Dr. Peter Klein, 2002																13 Aluminium Al 26.98154	14 Silizium Si 28.0855	15 Phosphor P 30.97376	16 Schwefel S 32.065	17 Chlor Cl 35.453	18 Argon Ar 39.948
4. Periode	19 Kalium K 39.0983	20 Calcium Ca 40.078	21 Scandium Sc 44.95591	22 Titan Ti 47.867	23 Vanadium V 50.9415	24 Chrom Cr 51.9961	25 Mangan Mn 54.93805	26 Eisen Fe 55.845	27 Cobalt Co 58.9332	28 Nickel Ni 58.6934	29 Kupfer Cu 63.546	30 Zink Zn 65.39	31 Gallium Ga 69.723	32 Germanium Ge 72.64	33 Arsen As 74.9216	34 Selen Se 78.96	35 Brom Br 79.904	36 Krypton Kr 83.80						
5. Periode	37 Rubidium Rb 85.4678	38 Strontium Sr 87.62	39 Yttrium Y 88.90585	40 Zirkonium Zr 91.224	41 Niobium Nb 92.90638	42 Molybdän Mo 95.94	43 Technetium Tc [98]	44 Ruthenium Ru 101.07	45 Rhodium Rh 102.9055	46 Palladium Pd 106.42	47 Silber Ag 107.8682	48 Cadmium Cd 112.411	49 Indium In 114.818	50 Zinn Sn 118.71	51 Antimon Sb 121.76	52 Tellur Te 127.60	53 Iod I 126.9045	54 Xenon Xe 131.293						
6. Periode	55 Cäsium Cs 132.9055	56 Barium Ba 137.327	57 Lanthan La 138.91	72 Hafnium Hf 178.49	73 Tantal Ta 180.9479	74 Wolfram W 183.84	75 Rhenium Re 186.207	76 Osmium Os 190.23	77 Iridium Ir 192.217	78 Platin Pt 195.078	79 Gold Au 196.9666	80 Quecksilber Hg 200.59	81 Thallium Tl 204.3833	82 Blei Pb 207.2	83 Bismut Bi 208.9804	84 Polonium Po [209]	85 Astat At [210]	86 Radon Rn [222]						
7. Periode	87 Francium Fr [223]	88 Radium Ra [226]	89 Actinium Ac 227																					

	58 Cer Ce 140.116	59 Praseodym Pr 140.9077	60 Neodym Nd 144.24	61 Promethium Pm [145]	62 Samarium Sm 150.36	63 Europium Eu 151.964	64 Gadolinium Gd 157.25	65 Terbium Tb 158.9253	66 Dysprosium Dy 162.50	67 Holmium Ho 164.9303	68 Erbium Er 167.259	69 Thulium Tm 168.9342	70 Ytterbium Yb 173.04	71 Lutetium Lu 174.967
Actinoiden	90 Thorium Th 232.04	91 Protactinium Pa 231.04	92 Uran U 238.03	93 Neptunium Np [237]	94 Plutonium Pu [244]	95 Americium Am [243]	96 Curium Cm [247]	97 Berkelium Bk [247]	98 Californium Cf [251]	99 Einsteinium Es [252]	100 Fermium Fm [257]	101 Mendelevium Md [258]	102 Nobelium No [259]	103 Lawrencium Lr [262]