

Электрохимический ряд напряжений металлов

Li, Rb, K, Cs, Ba, Sr, Ca, Na, Mg, Be, Al, Mn, Zn, Cr, Fe, Cd, Co, Ni, Pb, (H), Bi, Cu, Hg, Ag, Pd, Pt, Au

Растворимость солей, кислот и оснований в воде

| анион катион | OH ⁻ | NO ₃ ⁻ | F ⁻ | Cl ⁻ | Br ⁻ | I ⁻ | S ²⁻ | SO ₃ ²⁻ | SO ₄ ²⁻ | CO ₃ ²⁻ | SiO ₃ ²⁻ | PO ₄ ³⁻ | CH ₃ COO ⁻ |
|------------------------------|-----------------|------------------------------|----------------|-----------------|-----------------|----------------|-----------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|----------------------------------|
| H ⁺ | | P | P | P | P | P | P | P | P | P | H | P | P |
| NH ₄ ⁺ | P | P | P | P | P | P | P | P | P | P | – | P | P |
| K ⁺ | P | P | P | P | P | P | P | P | P | P | P | P | P |
| Na ⁺ | P | P | P | P | P | P | P | P | P | P | P | P | P |
| Ag ⁺ | – | P | P | H | H | H | H | H | M | H | – | H | P |
| Ba ²⁺ | P | P | M | P | P | P | P | H | H | H | H | H | P |
| Ca ²⁺ | M | P | H | P | P | P | M | H | M | H | H | H | P |
| Mg ²⁺ | H | P | M | P | P | P | M | H | P | H | H | H | P |
| Zn ²⁺ | H | P | M | P | P | P | H | H | P | H | – | H | P |
| Cu ²⁺ | H | P | P | P | P | – | H | H | P | – | – | H | P |
| Co ²⁺ | H | P | P | P | P | P | H | H | P | H | – | H | P |
| Hg ²⁺ | – | P | – | P | M | H | H | – | P | – | – | H | P |
| Pb ²⁺ | H | P | H | M | M | H | H | H | H | H | H | H | P |
| Fe ²⁺ | H | P | P | P | P | P | H | H | P | H | H | H | P |
| Fe ³⁺ | H | P | P | P | P | – | – | – | P | – | – | H | P |
| Al ³⁺ | H | P | P | P | P | P | – | – | P | – | – | H | P |
| Cr ³⁺ | H | P | P | P | P | P | – | – | P | – | – | H | P |
| Sn ²⁺ | H | P | H | P | P | M | H | – | P | – | – | H | P |
| Mn ²⁺ | H | P | P | P | P | P | H | H | P | H | H | H | P |

P – растворимо M – малорастворимо (< 0,1 М) H – нерастворимо (< 10⁻⁴ М) – – не существует или разлагается водой