# Substitutions for Ba

Threshold $N_{AB}>9$

% of Ba substitutions

Absolute number of compounds with substitution

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | | | | | | | | | | | | | | | | | He |
| Li | Be | | | | | | | | | | | B | C | N | O | F | Ne |
| Na | Mg 0.9 10 | | | | | | | | | | | Al | Si | P | S | Cl | Ar |
| K 1.6 17 | Ca 12.5 130 | Sc | Ti | V | Cr | Mn | Fe | Co | Ni | Cu | Zn | Ga | Ge | As | Se | Br | Kr |
| Rb | Sr 27.5 286 | Y 2.2 23 | Zr | Nb | Mo | Tc | Ru | Rh | Pd | Ag | Cd 0.9 10 | In | Sn | Sb | Te | I | Xe |
| Cs | Ba | | Hf | Ta | W | Re | Os | Ir | Pt | Au | Hg | Tl | Pb 4.9 51 | Bi | Po | At | Rn |
| Fr | Ra | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| La 4.1 43 | Ce 3.5 37 | Pr 2.9 31 | Nd 2.9 31 | Pm | Sm 2.9 31 | Eu 8.8 92 | Gd 2.5 26 | Tb 2.4 25 | Dy 2.3 24 | Ho 2.1 22 | Er 2.1 22 | Tm 1.6 17 | Yb 3.4 36 | Lu 1.3 14 |
| Ac | Th 1.7 18 | Pa | U 1.7 18 | Np 1.0 11 | Pu 1.3 14 | Am | Cm | Bk | Cf | Es | Fm | Md | No | Lr |