

Landesite - $\text{Mn}^{2+}_{3-x}\text{Fe}^{3+}_x(\text{PO}_4)_2(\text{OH})_x \cdot (3-x)\text{H}_2\text{O}$

Hardness: 3 - 3.5. Cleavage: Perfect. Soluble in acids.

References

Mindat: <https://www.mindat.org/min-2318.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/landesite.pdf>

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.