

Bolivarite - $\text{Al}_2(\text{PO}_4)(\text{OH})_3 \cdot 4\text{-}5\text{H}_2\text{O}$

Hardness: 2.5. Cleavage: No data. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

Note: The narrow humidity stability range suggests samples of this mineral have already altered.

References

Mindat: <https://www.mindat.org/min-718.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.