

Brianyoungite - $\text{Zn}_3(\text{CO}_3,\text{SO}_4)(\text{OH})_4$

Hardness: 2–2.5. Cleavage: No data. Likely sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-771.html>

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

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

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