

Goosecreekite - $\text{Ca}[\text{Al}_2\text{Si}_6\text{O}_{16}] \cdot 5\text{H}_2\text{O}$

Hardness: 4.5. Cleavage: Perfect. Tolerates sonication. Tolerates HCl and HNO₃ but best to use warm acetic acid for calcite removal. Derust with oxalic acid. Remove manganese hydroxides/oxides with ascorbic acid.

References

Mindat: <https://www.mindat.org/min-1726.html>

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

Betts, J. (2023) Mineral cleaning for amateurs.

www.johnbetts-fineminerals.com/jhbnyc/articles/minclean.htm

Tschernich, R. (1992) Zeolites of the World, 597 p. Geoscience Press, Inc., Phoenix, Arizona.

<https://www.mindat.org/reference.php?id=1118707>