

Merlinoite - $\text{K}_5\text{Ca}_2(\text{Si}_{23}\text{Al}_9)\text{O}_{64} \cdot 24\text{H}_2\text{O}$

Hardness: 4.5. Cleavage: No data. Attacked by HCl. Use warm acetic acid to remove calcite and ascorbic acid to remove manganese hydroxides/oxides. Derust with oxalic acid.

References

Mindat: <https://www.mindat.org/min-2651.html>

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