

Montesommaite - $(\text{K},\text{Na})_9\text{Al}_9\text{Si}_{23}\text{O}_{64}\cdot 10\text{H}_2\text{O}$

Hardness: No data. Cleavage: None observed. Tolerates sonication. Attacked by HCl. Remove calcite with warm acetic acid and manganese hydroxides/oxides with ascorbic acid. Derust with oxalic acid.

References

Mindat: <https://www.mindat.org/min-2766.html>

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