Qaqarssukite-(Ce) - $Ba(Ce,REE)(CO_3)_2F$

Hardness: 3–4. Cleavage: None observed. Brittle. Soluble in 5–10% HCl with effervescence. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

References

Mindat: https://www.mindat.org/min-27397.html

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