

Cavansite - $\text{Ca}(\text{VO})\text{Si}_4\text{O}_{10} \cdot 4\text{H}_2\text{O}$

Hardness = 3 - 4. Cleavage: Distinct/good. [Pentagonite](#) more fragile than cavansite but can be difficult to differentiate between these two polymorphs. Attacked by concentrated HCl and NH_4HF_2 . Stable to 30% acetic acid, 85% H_3PO_4 , Iron OUT/EDTA and 12% H_2O_2 .

References

Mindat: <https://www.mindat.org/min-921.html>

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