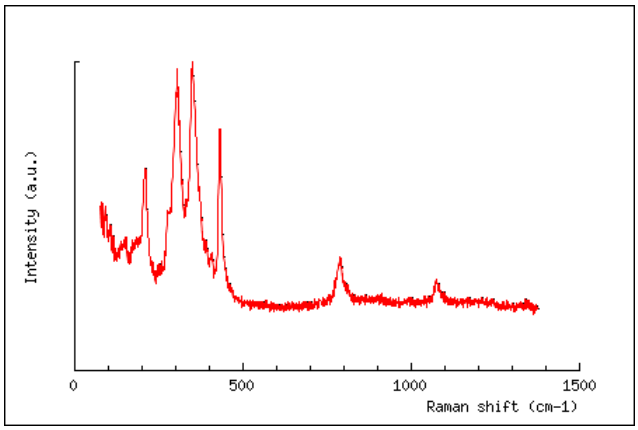
## tridymite $SiO_2$

*monoclinic*

[data] [PDF]




Raman spectrum of **tridymite**
collected with 514.5 nm exiting line
by Laboratoire de Sciences de la Terre ENS-Lyon.

| mode | frequency | shift vs P | shift vs T |
|---|---|---|---|
| | 210 | | |
| | 304 | | |
| | 349 | | |
| | 431 | | |
| | 799 | | |
| | 1073 | | |

frequencies are in $cm^{-1}$, shifts vs P are in $cm^{-1}.GPa^{-1}$, shifts vs T are in $cm^{-1}.K^{-1}$

## References :

K.J. Kingma, R.J. Heymley, Am.Mineral, 79, 269-273, (1994)

## $SiO_2$ polymorphs

[coesite] [cristobalite] [quartz (powder)] [stishovite] [tridymite]

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