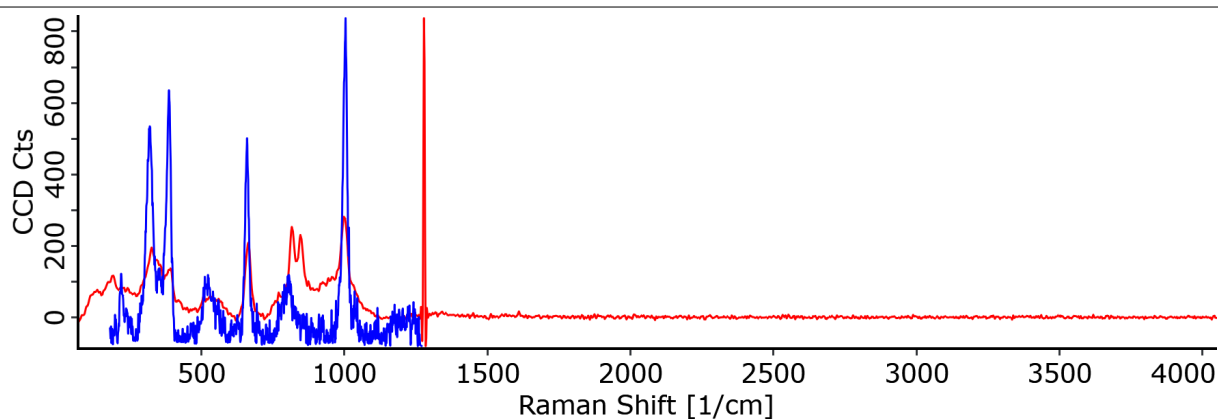


LM0 G1 Px Inclusion

Search Method: Simple-Search

The simple search just compares one search spectrum with each database spectrum.

HQI Algorithm: Correlation Coefficient



Name: **Augite**

Score / HQI: 65.31

Best Shift [1/cm]: -5.0

Database: RRUFF

Orientation: unoriented

OrientationAngle: 0

RRUFFID: R061086

IDEAL_CHEMISTRY: $(\text{Ca}, \text{Mg}, \text{Fe}^{2+}, \text{Fe}^{3+})_2(\text{Si}, \text{Al})_2\text{O}_6$

LOCALITY: Boreslav, Teplitz, Bohemia, Czech Republic

OWNER: RRUFF

SOURCE: Michael Scott

DESCRIPTION: Black to dark green tabular euhedral crystal

STATUS: The identification of this mineral has been confirmed by X-ray diffraction and chemical analysis

URL: rruff.info/R061086

MEASURED_CHEMISTRY:

$(\text{Ca}_{0.88}\text{Mg}_{0.83}\text{Fe}_{0.13}\text{Al}_{0.08}\text{Na}_{0.04}\text{Ti}_{0.03}\text{Cr}_{0.01})_{\Sigma=2}(\text{Si}_{1.89}\text{Al}_{0.11})_{\Sigma=2}\text{O}_6$