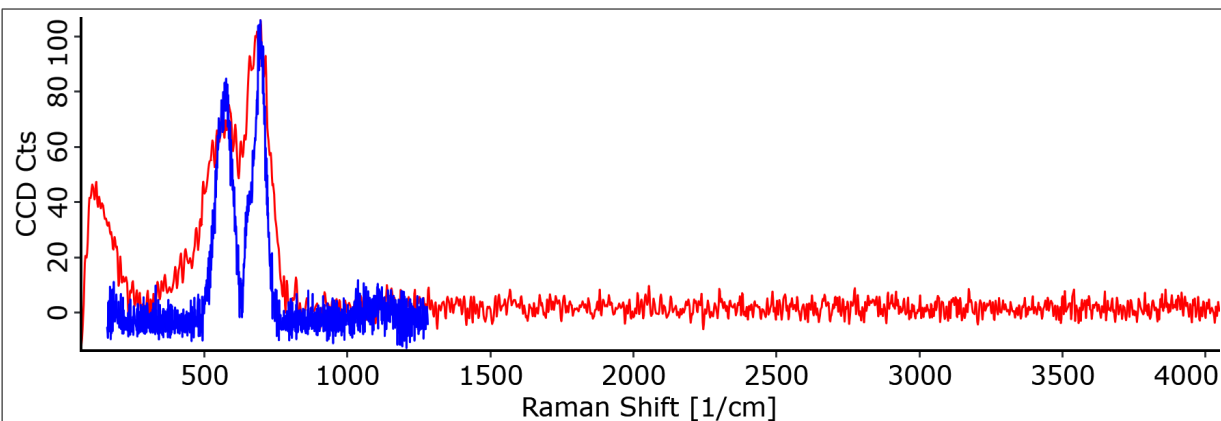


LM0 G33 Rim Magnesiochromite

Search Method: Simple-Search

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

HQI Algorithm: Correlation Coefficient



Search Spectrum: **LM0_G33_OXIDE_5**

Name: **Magnesiochromite**

Score / HQI: 74.21

Best Shift [1/cm]: 1.9

Database: RRUFF

Orientation: unoriented

OrientationAngle: 0

RRUFFID: R060797

IDEAL_CHEMISTRY: $\text{MgCr}^{3+}_2\text{O}_4$

LOCALITY: Benbow mine, Stillwater Complex, Mount Wood area, Stillwater County, Montana, USA

OWNER: RRUFF

SOURCE: California Institute of Technology

DESCRIPTION: Black granular massive

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

URL: rruff.info/R060797

MEASURED_CHEMISTRY:

($\text{Mg}_{0.55}\text{Fe}^{2+}_{0.45}$) $\Sigma=1$ ($\text{Cr}_{1.28}\text{Al}_{0.58}\text{Fe}^{3+}_{0.14}$) $\Sigma=2\text{O}_4$