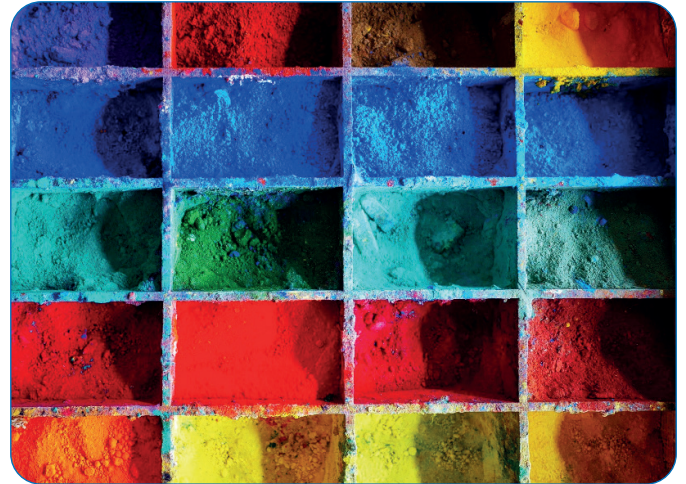


Product Note R45-12/21

R202 BRAVO Spectral Range Extension



BRAVO receives a performance boost in extending the spectral range limit for low frequency Raman shifts towards 170 cm^{-1} .

Making lower frequency vibrations available is of special importance for the analysis of inorganics, for example for the unambiguous identification of pigments in the field of art and restoration.

The spectral range extension is available in the Acquire Material workflow as well as for remote measurements in OPUS.

Note: For already delivered systems, hardware compatibility needs to be verified by Bruker.

Specifications

- Spectral Range: $170 - 3200\text{ cm}^{-1}$
- Available for:
 - OPUS 8.7 and BRAVO 2.1.SP1
 - *Acquire Material* workflow
 - Remote measurements in OPUS

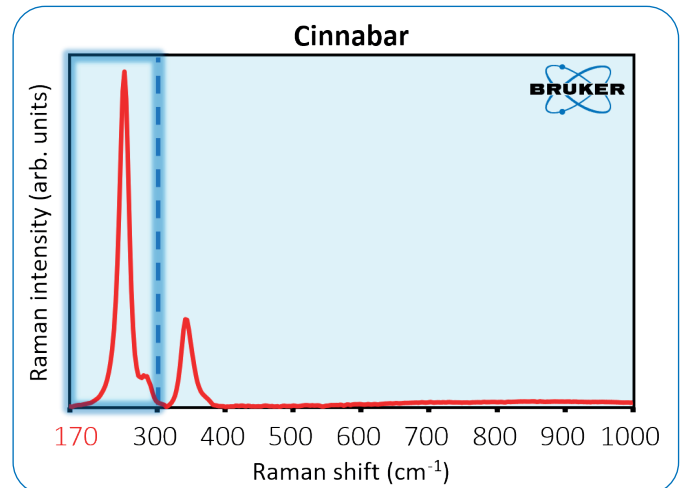


Fig. 1: Raman spectrum of Cinnabar measured with the handheld Raman spectrometer BRAVO.